



**GROUNDWATER ABATEMENT ZONE REPORT
CHRIN BROTHERS SANITARY LANDFILL
WILLIAMS TOWNSHIP, NORTHAMPTON COUNTY,
PENNSYLVANIA**

Prepared For:

**CHRIN BROTHERS, INC.
EASTON, PENNSYLVANIA**

Prepared By:

**CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
EXPORT, PENNSYLVANIA**

CEC Project 122-031

July 25, 2013

Civil & Environmental Consultants, Inc.

Export

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July 25, 2013

Mr. Roy Schrock (3HS22)
U.S. EPA Region III
1650 Arch Street
Philadelphia, Pennsylvania 19103

Dear Mr. Schrock:

Subject: Groundwater Abatement Zone Report
Chrin Brothers Sanitary Landfill
Williams Township, Northampton County, Pennsylvania
CEC Project 122-031

On behalf of Chrin Brothers, Inc. (Chrin), Civil & Environmental Consultants, Inc. (CEC) has performed an evaluation of groundwater level and water quality data collected since July 1998. This evaluation has been conducted to update the July 15, 2008 Groundwater Abatement Zone Report previously submitted to the United States Environmental Protection Agency (U.S. EPA) for the Five Year Review of the effectiveness of the pump and treat system at the Abatement Zone Area.

In order to complete the evaluation presented herein, the following exercises were completed: 1) compilation of groundwater levels measured by ChrIN personnel in monitoring wells; 2) construction of high and low water table condition potentiometric maps showing groundwater contours during periods of identified high and low groundwater elevations; 3) evaluation of the adequacy of the existing groundwater monitoring system in detecting off-site migration of contamination; and 4) evaluation of the groundwater abatement system in containing and recovering contaminated groundwater including an assessment of potential receptors.

DESCRIPTION OF GROUNDWATER ABATEMENT SYSTEM

The groundwater abatement system was designed to recover and treat on-site groundwater downgradient from Fill Areas 1, 2, and 3 (see Figure 1) and discharge the treated water to an unnamed tributary to the Lehigh River in accordance with ChrIN's NPDES permit. In general, groundwater in three recovery wells (DM-2, MW-9, and DM-11) is continuously extracted and pumped to an air stripper where volatile organic compounds are removed. The resulting effluent passes through continuous backwash filters (primarily for manganese removal) and a Lamella gravity settler/thickener (primarily for iron removal) before discharging to surface water.

Operation of the abatement system began on April 14, 1999 with the initiation of pumping from well DM-11. Pumping from DM-11 was maintained at an average rate of 25 – 30 gallons per minute (gpm) through September 2010, when the totalizer was moved into the new room. In the

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new room, pumping from DM-11 was maintained at an average rate of 15 – 25 gpm until 2012, when it was increased to 28 gpm. DM-11 is currently pumping at 28 gpm and a total of 57,325,318 gallons were extracted between June 21, 2008 and April 30, 2013 from DM-11.

Pumping from wells MW-9 and DM-2 commenced on June 8, 1999 and the pumping totals were recorded by one totalizer. The initial average combined rate of 40 – 45 gpm was maintained through July 2003. From July 2003 to August 2009, the average combined pumping was decreased to 25 – 30 gpm. From August 2009 to September 2010, the average combined pumping rate was increased to 30 – 40 gpm.

In the new room, pumping at MW-9 and DM-2 was recorded by individual totalizers. MW-9 pumped between 15 – 25 gpm until 2012 when it was set at 18 gpm. It is currently pumping at 18 gpm. In the new room, DM-2 pumped between 15 – 25 gpm until 2012 when it was set at 21 gpm. It pumped at this rate until it was covered during the Stage 3D/3E slide on March 12, 2013 (see description below). Consequently, the DM-2 totalizer readings beginning March 13, 2013 do not represent total gallons pumped. It should also be noted that MW-1, which was converted to a pumping well just prior to the March 12, 2013 slide, was also covered during the slide. Both DM-2 and MW-1 will be evaluated for returning to the pumping network as soon as the slide clean-up progresses sufficiently to make the wells available for inspection.

From June 21, 2008 to August 31, 2010, 30,597,845 gallons were extracted from MW-9 and DM-2 combined. Between September 1, 2010 and April 30, 2013, 22,840,587 gallons were extracted from MW-9 and 25,956,797 gallons were extracted from DM-2.

STAGE 3D/3E SLIDE

On the evening of March 12, 2013, a slide occurred in a portion of the Stage 3D and 3E areas of the landfill. The affected area was approximately 12 acres and no waste left the landfill permit boundary. To date, environmental controls are in place and waste removal is ongoing. The investigation is also ongoing and the cause is currently unknown.

GROUNDWATER LEVEL EVALUATION

Based on the groundwater elevations measured and recorded by Chrin personnel and the hydrographs presented in Appendix A, groundwater potentiometric maps (Figures 2 and 3) were generated using the measurements obtained during periods of low and high groundwater table conditions during 2012. These measurements were selected to confirm the previous conclusion that groundwater flow beneath the site is generally to the north-northwest during both seasonal low and high water table conditions. A review of Figures 2 and 3 indicates that monitoring wells



MW-2 and DM-4R effectively serve as upgradient monitoring wells for the Abatement Zone Area while the remaining wells serve as downgradient monitoring wells. Figures 2 and 3 confirm that the existing groundwater monitoring system remains adequate for the facility during both low and high groundwater table conditions.

A summary of water table elevations measured in each monitoring well between July 1998 and April 2013 is presented on Table 1. Hydrographs for each well are included in Appendix A and show groundwater elevation from April 2008 to April 2013. Over the past 5 years, groundwater appears to be relatively stable. However, seasonal fluctuations continue to be generally greater in magnitude than drawdown from the abatement pumping system. Therefore, water level data are not sufficient for determining the drawdown effect and corresponding capture zone created by the pump and treat system. It should be noted, however, that based on a review of Figures 2 and 3, groundwater contours have maintained comparable relationships throughout low and high water table conditions, indicating that the constant pumping rate maintains the same relative effect.

GROUNDWATER QUALITY AND RECEPTOR EVALUATION

The abatement zone of the landfill is currently under a U.S. EPA-approved monitoring program due to the historical presence of organic constituents in downgradient monitoring wells. Laboratory results from the abatement zone monitoring wells (beginning with the January 1998 sampling event) are summarized on Tables 2A through 2I. Trend charts for each constituent of interest in each abatement zone well, plotted with the corresponding clean-up standards (specified in the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences), are included in Appendix B.

Referring to the trend charts, it is apparent that nearly all of the volatile organic compounds of interest were not detected or detected at concentrations below their corresponding clean-up standard from the second quarter 2008 to the second quarter 2013. Exceptions to this include trichloroethene (TCE) at DM-2, DM-11, MW-1 (during third and fourth quarters of 2010 only), MW-3, and MW-9; tetrachloroethene (PCE) at MW-1 and MW-3; and vinyl chloride at MW-1 (fourth quarter of 2008 only).

Trend analysis of these chemicals indicates TCE concentrations are decreasing in MW-3 and relatively stable in DM-2, DM-11, and MW-9. Trend analysis of PCE indicates its concentration is relatively stable in both MW-1 and MW-3.

As noted on the trend charts and Table 2, a round of samples was collected from the downgradient abatement zone wells during a temporary shutdown of the groundwater pumping



wells in early August 2010. In addition, non-abatement zone wells N-8, MW-9A, and N-6 were sampled at this time. These samples are representative of conditions anticipated if the groundwater pump and treat system were to cease operations. As indicated on the trend charts, detections noted for this sampling event were generally higher than corresponding samples from the same wells collected in mid July 2010. This is particularly true for the pumping wells. Consequently, it appears as though operation of the groundwater pumping wells is effectively removing contaminants from the aquifer. Finally, there were no exceedances of clean-up levels in the non-abatement zone well samples, while the sample from N-6, which represents offsite groundwater quality downgradient of the abatement zone, contained no detections of organic compounds.

While direct evidence suggests groundwater quality downgradient of the site does not contain detectable levels of organic compounds, a preliminary evaluation of potential human receptors identified in the U.S. EPA Record of Decision (ROD) was performed in order to further evaluate the protectiveness of the selected remedy. Based on available information, groundwater flow is to the northwest (Figures 2 and 3) and ultimately discharges to the Lehigh River. The U.S. EPA ROD identified the communities of Glendon Boro and Lucy's Crossing as being hydrologically connected to the site. Therefore, an integral aspect of the selected remedy was designed to reduce or eliminate potential downgradient human receptors in these communities. This was accomplished by providing a public water supply to the communities of Glendon Boro and Lucy's Crossing in 1988. CEC contacted the Easton Suburban Water Authority and confirmed that the public water supply systems to these communities have been maintained and there are no known potable groundwater supplies immediately downgradient of the site. Based on the available information, groundwater is not used as a potable supply downgradient from the site.

GROUNDWATER TREATMENT SYSTEM OPERATION AND MAINTENANCE

Routine maintenance has been conducted on the groundwater abatement treatment system since the April 14, 1999 start date. Daily maintenance records are maintained on file and are available upon request. Appendix C presents the total volume of groundwater pumped and treated on a daily basis by the pump and treat system.

Finally, laboratory results for the groundwater treatment system effluent are provided in Appendix D.

CONCLUSIONS

Based on the evaluation of available water level and water quality data prior to and after the startup of the groundwater abatement system, it appears that the system is working effectively to



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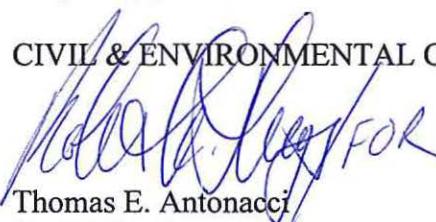
remove contaminants from groundwater downgradient of Fill Areas 1, 2, and 3. Immediately following initiation of the pump and treat system in April 1999, groundwater elevations decreased in the targeted capture zone. Since that time, the magnitude of seasonal fluctuations in groundwater levels versus the drawdown created by the abatement system has rendered water level data insufficient to determine the extent of the capture zone created by the groundwater pumping system. However, groundwater contours indicate that the constant pumping rate maintains the same relative effect on groundwater flow through both high and low water table conditions.

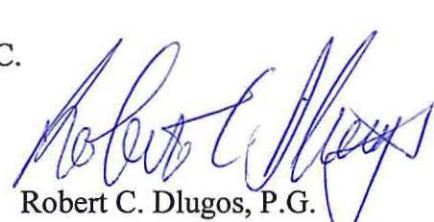
Groundwater quality trend charts illustrate that nearly all of the contaminants were not detected or detected at concentrations below their corresponding clean-up standard from the second quarter 2008 to the second quarter 2013. These improvements to groundwater quality are expected to continue with sustained operation of the groundwater abatement system in addition to the long-term effects of Fill Areas 1, 2, and 3 capping activities that have been completed. Finally, in order to address uncertainties with the extent of the groundwater abatement system capture zone, confirmation was obtained that communities potentially affected by groundwater contamination continue to receive public water supply from the Easton Suburban Water Authority. Therefore, the selected remedy remains protective of downgradient human receptors.

We trust the information presented herein is sufficient to satisfy U.S. EPA's needs to complete the September 2013 Five Year Review. If you have any questions or require any additional information, please call us at (724) 327-5200.

Very truly yours,

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.


Thomas E. Antonacci
Staff Scientist


Robert C. Dlugos, P.G.
Senior Project Manager

TEA:RCD/jg
Enclosures

cc: W. Tomayko (DEP)
G. Chrin (Chrin)



TABLES

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)												
	DM-1 ⁽¹⁾	DM-2*	DM-4R ⁽²⁾	DM-8	DM-9	DM-10*	DM-11*	MW-1*	MW-2*	MW-3	MW-9*	MW-9A	MW-12 ⁽¹⁾
07/15/98		193.69	523.94	182.12	180.65	181.76	180.58	193.43	464.54	180.90	196.28		480.37
10/09/98		190.30	514.20	176.87	176.40	177.29	176.10	190.22	460.64	176.69	192.68		478.07
01/13/99		188.79	519.00	176.39	174.56	175.36	174.16	188.72	459.03	174.79	191.18		477.53
04/13/99	245.33	190.30	522.84	177.01	176.82	177.70	176.54	190.12	479.88	177.23	190.14	189.76	477.33
04/20/99	245.76	190.19	521.74	176.82	176.64	177.46	176.40	190.02	480.64	177.05	190.00	189.64	477.29
04/21/99	245.57	190.17	521.74	176.75	176.18	177.54	176.30	190.00	480.78	177.01	190.03	189.60	477.31
04/22/99	245.71	190.07	521.77	176.62	176.04	177.40	175.80	190.02	481.04	176.52	190.03	189.56	476.76
04/23/99	245.66	190.20	521.82	176.59	176.04	177.32	175.68	190.04	481.19	176.41	190.03	189.64	477.41
04/24/99	245.71	190.15	521.82	176.37	175.84	177.19	175.60	189.98	481.94	176.27	189.98	189.59	477.46
04/26/99	245.81	190.25	522.16	176.51	175.86	177.24	175.58	190.10	483.23	176.29	190.10	189.69	477.85
04/27/99	246.03	190.25	522.38	176.44	175.84	177.17	175.72	190.07	482.65	176.44	190.07	189.66	477.95
04/28/99	245.91	190.19	522.52	176.31	175.79	177.13	175.50	190.02	482.10	176.22	190.03	189.62	477.99
04/29/99	245.95	190.20	522.72	176.33	175.76	177.09	175.46	191.02	481.61	176.19	190.02	189.61	478.05
04/30/99	245.95	190.13	522.75	176.25	175.68	177.02	175.40	189.86	481.17	176.09	189.97	189.54	477.16
05/01/99	246.00	190.15	522.92	176.25	175.68	176.99	175.33	189.85	480.99	176.06	189.98	189.53	477.25
05/03/99	246.15	190.15	523.30	176.35	175.72	177.02	175.32	189.86	480.33	176.03	189.98	189.54	477.35
05/04/99	246.19	190.05	523.40	176.34	175.71	177.02	175.30	189.84	479.94	176.01	189.93	189.52	477.36
05/05/99		190.09			175.70	176.99	175.30	189.84		176.06	189.94	189.52	
05/07/99		190.09			175.70	176.99	175.30	189.84		176.06	189.93	189.52	
05/10/99	246.33	190.05	523.42	176.24	175.65	176.94	175.28	189.75	477.19	175.96	189.98	189.43	477.49
05/12/99		189.99			175.67	176.96	175.25	189.72		175.99	189.81	189.40	
05/14/99		189.90			175.68	176.90	175.37	189.63		175.99	189.76	189.32	
05/17/99	244.36	189.84	522.52	176.17	175.58	176.84	175.20	189.60	474.76	175.85	189.68	189.26	477.20
05/19/99		189.88			175.73	176.94	175.65	189.60		176.36	189.68	189.24	
05/21/99		189.77			175.76	177.00	175.72	189.57		176.47	189.68	189.24	
05/24/99	246.53	189.90	521.84	176.59	175.94	177.17	175.90	189.65	473.50	176.61	189.71	189.29	477.03
05/26/99		189.83			175.80	177.06	175.79	189.66		176.49	189.78	189.34	
05/28/99	246.41	189.80	521.50	176.13	175.62	176.89	175.17	189.60	473.26	175.89	189.68	189.26	476.76
06/02/99		189.75			175.42	176.66	175.21	189.50		175.92	189.58	189.14	
06/04/99		189.65			175.29	176.53	175.00	189.40		175.76	189.48	189.06	
06/07/99	246.20	189.55	520.72	175.43	174.85	176.16	174.00	189.33	471.28	174.72	189.38	188.98	476.08

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)												
	DM-1 ⁽¹⁾	DM-2*	DM-4R ⁽²⁾	DM-8	DM-9	DM-10*	DM-11*	MW-1*	MW-2*	MW-3	MW-9*	MW-9A	MW-12 ⁽¹⁾
06/09/99		188.93			174.48	175.93	173.79	189.19		174.49	189.05	188.89	
06/11/99		188.49			174.73	175.95	174.46	188.58		175.11	188.33	188.33	
06/14/99	245.87	188.26	520.11	176.38	174.72	175.95	174.20	188.45	470.02	174.91	188.03	188.22	475.62
06/16/99		187.91			174.58	175.83	174.07	188.23		174.85	187.74	188.03	
06/18/99		187.83			174.51	175.73	174.04	188.04		174.78	187.75	187.69	
06/21/99	245.45	187.78	519.47	175.10	174.42	175.66	173.86	187.98	468.78	174.66	187.66	187.59	475.04
06/23/99		187.70			174.33	175.88	173.88	187.93		174.56	187.55	187.73	
06/25/99		187.48			174.33	175.33	173.92	187.86		174.65	187.57	187.50	
06/28/99	245.32	187.92	518.86	174.95	174.18	175.22	173.69	188.05	467.73	173.98	187.80	187.63	474.49
06/30/99		187.63			174.28	175.22	174.06	187.76		174.26	187.43	187.39	
07/02/99		187.39			174.18	174.99	173.89	187.70		174.07	187.41	187.47	
07/06/99	244.81	187.21	518.11	174.63	174.12	174.93	173.35	187.55	466.60	174.06	187.15	187.22	473.72
07/07/99		187.14			174.01	174.81	173.65	187.46		173.91	187.05	187.13	
07/09/99		187.11			173.98	174.71	173.69	187.38		173.90	187.04	187.03	
07/12/99	244.31	186.99	517.57	174.57	173.88	174.82	173.92	187.76	465.83	174.43	187.83	187.29	473.10
07/14/99		187.10			173.88	174.70	173.11	187.42		173.86	187.08	186.98	
07/16/99		186.97			173.83	174.61	173.04	187.31		173.79	186.97	186.99	
07/19/99	243.72	187.00	516.73	173.24	173.52	174.47	172.79	187.15	464.73	173.59	186.87	186.82	472.39
07/21/99		186.65			173.35	174.33	172.68	186.99		173.46	186.56	186.71	
07/23/99		186.54			173.25	174.29	172.62	186.96		173.41	186.57	186.62	
07/26/99	243.20	186.42	516.09	173.96	173.20	174.22	173.16	186.89	464.12	173.28	186.47	186.62	471.86
07/28/99		186.34			173.05	174.16	172.42	186.87		173.20	186.42	186.28	
07/30/99		186.29			173.18	174.18	172.69	186.68		173.42	186.27	186.42	
08/02/99	242.63	186.51	515.40	173.86	173.05	174.10	172.78	186.68	463.49	173.51	186.43	186.31	471.20
08/04/99		186.07			173.12	173.98	172.59	186.48		173.30	186.07	186.27	
08/06/99		186.00			172.93	173.91	172.58	186.37		173.26	185.99	186.17	
08/09/99	241.98	186.01	514.76	173.71	172.85	173.83	172.38	186.43	462.88	173.21	185.97	186.17	470.74
08/11/99		186.01			172.88	173.90	172.34	186.48		173.16	185.93	186.09	
08/13/99		185.87			172.88	173.79	172.28	186.38		173.13	186.00	186.00	
08/16/99	241.70	186.03	514.25	173.62	172.83	173.81	172.39	186.46	462.28	173.11	185.98	186.23	470.45
08/18/99		185.99			172.68	173.73	171.81	186.45		172.67	185.87	186.18	

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	DM-1 ⁽¹⁾	DM-2*	DM-4R ⁽²⁾	DM-8	DM-9	DM-10*	DM-11*	MW-1*	MW-2*	MW-3	MW-9*	MW-9A	MW-12 ⁽¹⁾
08/20/99		185.89			172.42	173.50	171.44	186.44		172.38	185.87	186.06	
08/23/99	240.98	185.83	513.73	172.96	172.27	173.28	171.25	186.21	461.78	172.20	185.84	185.96	469.80
08/25/99		185.72			172.22	173.20	171.26	186.16		172.08	185.73	185.93	
08/27/99		186.23			172.40	173.42	171.93	186.49		172.71	186.00	186.13	
08/30/99	240.80	186.12	513.16	173.33	172.56	173.53	172.08	186.51	462.33	172.85	186.09	186.21	469.69
09/01/99		186.09			172.59	173.56	172.08	186.49		172.85	186.11	186.25	
09/03/99		186.14			172.48	173.56	172.00	186.46		172.80	186.02	186.21	
09/08/99		186.08			172.38	173.47	171.98	186.49		172.75	186.02	186.29	
09/10/99		186.12			172.53	173.47	171.99	186.49		172.76	186.12	186.21	
09/13/99	240.25	186.06	512.79	173.22	172.43	173.47	171.91	186.47	460.88	172.72	186.04	186.12	468.73
09/15/99		186.07			172.43	173.43	171.89	186.45		172.70	186.02	186.18	
09/20/99	242.19	188.63	522.29	175.66	175.42	176.58	174.73	188.87	481.22	175.43	188.56	188.73	478.64
09/22/99		188.69			175.68	176.83	175.04	188.93		175.75	188.66	188.75	
09/22/99		188.47			175.75	176.77	175.09	188.87		175.80	188.66	188.72	
09/24/99		187.37			175.52	176.60	174.91	188.68	475.03	175.66	188.50	188.39	
09/27/99	243.29	188.20	517.63	175.84	175.52	176.61	174.83	188.54		175.60	188.31	188.28	475.27
09/29/99		188.24			175.33	176.52	174.75	188.53		175.52	188.20	188.23	
10/01/99		188.24			175.33	176.52	174.75	188.53		175.52	188.16	188.23	
10/04/99	244.53	188.21	515.68	175.86	175.47	176.59	174.74	188.62	473.94	175.56	186.26	190.29	473.39
10/06/99		188.23			175.46	176.52	174.82	188.54		175.55	188.17	188.38	
10/08/99		188.14			175.48	176.41	174.71	188.45		175.45	188.09	188.21	
10/15/99		188.13			175.31	176.35	174.71	188.47		175.42	188.05	188.23	
10/18/99	245.98	188.10	514.75	175.83	175.36	176.38	174.69	188.39	473.20	175.42	188.15	188.13	471.55
10/20/99		187.93			175.16	176.20	174.49	188.23		175.23	187.95	187.93	
10/22/99		187.99			175.13	176.18	174.49	188.25		175.25	187.92	188.00	
10/25/99	246.35	187.72	514.40	175.24	174.86	175.87	174.23	188.06	471.44	174.91	187.64	187.07	470.96
10/27/99		187.60			174.56	175.77	174.01	187.89		174.77	187.61	187.66	
10/29/99		187.46			174.51	175.48	173.82	187.79		174.58	187.40	187.57	
11/01/99	246.20	187.36	514.03	174.73	174.08	175.26	173.49	187.71	470.13	174.20	187.40	187.38	470.19
11/03/99		187.39			174.08	175.11	173.48	187.73		174.23	187.41	187.42	
11/05/99		187.38			173.96	174.95	173.34	187.78		174.10	187.41	187.49	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)												
	DM-1 ⁽¹⁾	DM-2*	DM-4R ⁽²⁾	DM-8	DM-9	DM-10*	DM-11*	MW-1*	MW-2*	MW-3	MW-9*	MW-9A	MW-12 ⁽¹⁾
11/08/99	246.09	187.57	514.21	174.80	174.06	175.20	173.86	187.91	470.86	174.65	187.65	187.69	469.84
11/10/99		187.37			174.12	175.07	173.41	187.83		174.18	185.44	189.59	
11/12/99		187.21			173.63	174.84	173.32	187.58		173.95	187.25	187.33	
11/15/99	245.74	187.31	513.50	174.63	173.73	174.69	172.99	187.68	469.96	173.85	187.39	187.36	469.33
11/17/99		187.13			173.45	174.61	172.83	187.49		173.66	187.18	187.25	
11/19/99		187.08			173.38	174.56	172.68	187.37		173.56	187.16	187.08	
11/22/99	245.75	186.94	513.63	173.86	173.50	174.38	172.69	187.38	468.61	173.44	187.05	187.07	469.00
11/24/99		186.91			173.41	174.23	173.05	187.32		173.37	187.07	187.01	
11/26/99		186.91			173.36	174.17	173.02	187.35		173.32	187.06	186.99	
11/29/99	245.77	187.26	513.78	173.94	173.51	174.28	172.73	187.69	477.32	173.52	187.36	187.43	469.80
12/01/99		187.41			173.39	174.42	172.88	187.81		173.66	187.57	187.57	
12/03/99		187.51			173.90	174.65	173.08	187.87		173.68	187.55	187.67	
12/06/99	245.45	187.47	514.29	174.28	173.55	174.68	173.09	187.77	475.89	173.83	187.49	187.59	469.63
12/08/99		187.30			173.73	174.51	172.67	188.68		173.69	187.34	187.38	
12/10/99		187.31			173.83	174.56	173.02	187.71		173.76	187.39	187.39	
12/13/99	245.13	187.20	514.21	174.03	173.69	174.50	173.42	187.60	474.53	173.66	187.26	187.38	469.54
12/15/99		187.26			173.66	174.46	173.34	187.69		173.65	187.33	187.43	
12/17/99		187.44			173.85	174.56	173.03	187.82		173.76	187.55	187.62	
12/20/99	245.10	187.48	515.06	174.26	173.92	174.72	173.07	187.84	479.48	173.91	187.59	187.70	470.46
12/22/99		187.58			173.98	174.79	173.26	187.96		173.96	187.59	187.72	
12/24/99		187.54			173.99	174.85	173.22	188.02		173.85	187.55	187.65	
12/27/99	245.07	187.43	515.85	174.39	173.70	174.75	173.14	187.88	478.74	173.83	187.57	187.57	470.87
12/29/99		187.33			173.71	174.72	173.06	187.79		173.85	187.45	187.68	
01/03/00	244.86	187.17	516.25	174.00	173.72	174.46	172.88	187.68	476.53	173.61	187.30	187.17	470.86
01/05/00		187.59			173.57	174.43	173.52	187.73		173.76	187.61	186.43	
01/07/00		187.37			173.60	174.37	172.68	187.64		173.54	187.42	187.35	
01/10/00	244.80	187.32	516.09	174.05	173.58	174.30	172.66	187.64	476.46	173.46	187.45	187.36	470.90
01/12/00		187.29			173.45	174.22	172.59	187.66		173.41	187.39	187.38	
01/14/00		187.29			173.48	174.23	172.62	187.65		173.37	187.41	187.36	
01/17/00	244.31	187.32	517.59	173.92	173.46	174.25	172.70	187.65	478.64	173.48	187.55	187.34	471.43
01/19/00		187.29			173.47	174.30	172.67			173.50	187.52	187.32	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)												
	DM-1 ⁽¹⁾	DM-2*	DM-4R ⁽²⁾	DM-8	DM-9	DM-10*	DM-11*	MW-1*	MW-2*	MW-3	MW-9*	MW-9A	MW-12 ⁽¹⁾
01/24/00	244.52	187.27	517.64	173.81	173.42	174.22	172.55	187.57	476.24	173.38	187.51	187.34	471.20
02/01/00	244.54	187.54	517.58	174.06	173.57	174.31	173.63	187.68	474.03	173.86	187.75	187.30	471.18
02/02/00		187.88			173.56	174.35	173.67	187.69		173.79	187.92	187.36	
02/07/00	244.12	186.67	516.78	173.73	173.31	174.12	173.69	187.04	472.74	173.26	186.67	186.77	471.19
02/09/00		186.59			173.32	174.07	172.84	186.96		173.20	186.51	186.70	
02/11/00		186.57			173.28	174.07	173.01	186.98		173.23	186.57	186.76	
02/14/00	244.00	186.74	517.09	173.68	174.30	174.25	172.85	187.24	473.57	173.04	186.76	186.78	471.48
02/16/00		186.68			174.25	174.02	172.89	187.19		173.08	186.68	186.77	
02/18/00		186.81			173.36	174.08	172.95	187.18		173.28	186.71	186.92	
02/22/00	243.89	186.92	517.08	173.86	173.48	174.21	173.07	187.20	477.82	173.48	186.74	186.95	471.44
02/23/00		187.00			173.53	174.30	173.18	187.37		173.52	186.92	186.94	
02/28/00	244.27	187.53	518.75	174.35	173.98	174.76	173.72	187.84	488.88	173.96	187.41	187.61	474.07
03/01/00		187.14			174.43	175.15	174.13	188.24		174.46	187.90	188.07	
03/03/00		188.17			174.86	175.58	174.67	188.54		174.90	188.15	188.42	
03/06/00	244.57	188.20	525.13	175.26	175.13	175.86	174.87	188.48	480.89	175.14	188.14	188.26	477.36
03/10/00		187.99			175.23	175.97	174.89	188.34		175.19	187.95	188.12	
03/13/00	244.84	188.08	524.76	175.40	175.31	176.06	174.98	188.46	482.78	175.26	188.06	188.25	477.93
03/15/00		188.24			175.42	176.22	175.16	188.63		175.43	188.16	188.36	
03/17/00		188.31			175.47	176.27	175.26	188.72		175.52	188.26	188.43	
03/20/00	245.23	188.53	525.93	175.83	175.66	176.78	175.46	188.77	484.53	175.66	188.42	188.62	478.99
03/22/00		188.61			175.76	176.57	175.49	188.93		175.75	188.52	188.68	
03/24/00		188.99			176.10	176.83	175.29	189.32		176.04	188.84	189.01	
03/29/00		189.51			176.50	177.31	176.17	189.83		176.49	189.37	189.59	
03/31/00		189.48			176.56	177.32	176.26	189.84		176.48	189.44	189.60	
04/03/00	246.60	189.28	527.01	176.64	176.43	177.37	176.12	189.59	482.43	176.46	189.26	189.36	480.37
04/07/00		189.26			176.35	177.16	176.02	189.48		176.35	189.06	189.19	
04/10/00	246.89	189.11	526.55	175.35	176.21	177.13	175.96	189.48	482.60	176.20	188.97	189.18	480.45
04/12/00		189.04			176.32	177.16	176.17	189.38		176.23	189.04	189.18	
04/14/00		189.04			176.46	177.22	176.07	189.34		176.36	189.02	189.20	
04/17/00	247.57	189.09	526.39	176.61	176.47	177.30	176.14	189.39	477.42	176.36	188.99	189.18	479.49
04/19/00		189.01			176.27	177.16	175.97	189.34		176.29	188.97	189.10	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)												
	DM-1 ⁽¹⁾	DM-2*	DM-4R ⁽²⁾	DM-8	DM-9	DM-10*	DM-11*	MW-1*	MW-2*	MW-3	MW-9*	MW-9A	MW-12 ⁽¹⁾
04/24/00	248.46	189.12	528.84	176.76	176.48	177.25	176.18	189.56	488.26	176.48	189.21	189.35	483.10
04/26/00		189.36			176.60	177.52	176.41	189.72		176.61	189.27	189.46	
04/28/00		189.39			176.67	177.55	176.36	189.67		176.66	189.29	189.46	
05/01/00	248.58	189.43	529.56	176.75	176.62	177.51	176.32	189.69	481.26	176.58	189.20	189.38	484.18
05/03/00		189.38			176.62	177.43	175.78	189.59		176.53	189.19	189.31	
05/05/00		189.22			176.68	177.53	176.42	189.64		176.63	189.23	189.40	
05/08/00	249.10	189.22	527.87	176.95	176.76	177.65	176.42	189.63	477.81	176.71	189.07	189.35	483.97
05/10/00		189.30			176.72	177.57	176.36	189.48		176.74	189.06	189.20	
07/25/00	250.35	189.72	517.12	176.59	176.32	177.16	176.22	189.38	469.25	176.23	189.68	190.94	476.06
10/11/00	248.37	189.00	504.78	175.46		177.24	174.26	188.01	475.69	175.47	187.46	189.63	469.15
01/16/01	242.59	186.77		170.21	168.94	173.84	172.30	187.25	463.09	173.01	186.90	186.92	466.61
02/21/01	242.41	190.85		171.01	175.64	177.74	174.30	190.60	477.20	174.87	188.18	188.64	468.64
03/20/01	245.90	191.65		171.79	176.24	178.44	174.90	191.60	482.17	175.47	188.18	189.44	476.35
04/17/01	246.94	192.55		173.87	178.04	180.44	176.60	192.30	479.63	177.47	189.58	190.24	480.49
05/23/01	247.53	191.65		172.84	177.44	179.64	175.80	191.40	472.34	176.57	188.58	189.54	476.95
06/18/01	248.17	192.45		173.26	177.84	180.14	176.40	191.80	472.53	177.17	188.48	189.41	473.41
07/24/01	249.28	191.45		173.42	177.44	179.74	175.80	179.60	468.39		188.38	189.12	478.01
08/14/01	248.92	191.65		172.65	177.24	179.44	175.50	191.30	466.26		188.58	189.14	476.40
09/12/01	243.96	192.75		171.48	175.94	178.14	174.40	191.00	460.79		187.97	188.96	473.41
10/16/01	243.47	191.05		172.59	174.74	177.34	173.50	189.70	460.75		187.78	188.63	
11/09/01	242.80	190.35		172.53	174.04	176.24	172.40	189.30	460.44		186.87	187.13	
12/11/01	238.42	189.65		171.61	173.64	175.84	172.30	188.80	459.96		186.58	185.69	
01/08/02	235.39	189.45		169.43	173.54	175.74	172.10	188.50	458.80		186.28	186.44	
02/06/02	234.55	189.05	475.66	169.15	173.04	175.24	171.80	188.00	457.69		185.88	186.34	
03/07/02	234.18	187.85	474.90	168.83	171.14	173.64	170.20	186.80	455.80		184.68	185.19	
04/02/02	234.61	189.25		170.07	174.04	176.24	173.10	179.50	462.21	173.02	185.48	186.19	
05/02/02	235.01	190.55	480.30	170.32	176.94	179.34	175.90	189.40	462.30	174.57	186.78	186.44	
06/02/02	234.87	192.45	483.42	170.77	177.84	180.14	176.40	191.80	462.39	177.17	189.28	190.14	
07/02/02	236.45	190.55	485.90	171.44	175.84	178.14	174.10	188.90	462.71	174.22	186.53	187.49	
08/02/02	238.32	190.35	485.29	169.76	174.54	176.94	172.80	188.40	462.34	174.67	186.07	187.64	
09/02/02	237.71	191.35	484.24	169.21	176.24	178.34	174.40	190.80	462.73	175.27	188.28	188.44	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)												
	DM-1 ⁽¹⁾	DM-2*	DM-4R ⁽²⁾	DM-8	DM-9	DM-10*	DM-11*	MW-1*	MW-2*	MW-3	MW-9*	MW-9A	MW-12 ⁽¹⁾
10/02/02	238.07	188.25	482.17	169.07		175.84	171.90	187.40	460.00	175.47	186.78	186.44	
11/02/02	238.19	190.65	482.52	170.17		178.04	173.90	189.30	467.57	175.67	186.98	186.50	
12/02/02	237.90	190.35	483.00	171.02		178.34	174.10	189.00	469.55	176.51	187.38	186.44	
01/02/03	242.60	188.55	494.34	173.77	177.11	178.04	176.17	189.35	483.39	176.77	188.63	187.14	
02/02/03	244.20	192.15	493.43	171.76	175.94	179.04	175.10	190.60	482.11	176.27	188.83	187.34	
03/02/03	246.20	194.65	500.53	174.04	179.24	180.94	177.10	192.90	488.15	178.77	191.18	189.54	
04/02/03		194.85	502.42	175.15	180.54	183.04	178.80	194.50	487.49	180.35	192.17	190.42	
05/02/03		191.31		173.61	176.86	177.90	176.02	190.78			191.08	190.60	
06/02/03		194.25	500.68	176.73	180.34	181.44	179.60	193.70	482.15			194.39	
07/02/03		192.49	497.30	175.17	178.54	179.66	177.94	192.24	472.11			192.38	192.74
08/02/03		192.44	494.99	175.87	179.36	180.26	178.82	192.26	472.25			193.03	192.60
09/02/03		204.25	492.54	174.85		182.04		197.60	471.45			201.68	
10/02/03		208.65	491.39	176.07		183.14		201.40	468.16			205.58	
11/02/03		206.15	495.21	177.39		183.64		199.30	473.01			202.98	
12/02/03		209.65	507.88	180.37		187.04		202.70	484.53			206.48	
01/04/04		207.75	504.17	177.97		185.74		200.90	477.50			204.68	
02/04/04		206.65	499.70	178.08		184.34		199.90	477.36			203.68	
03/04/04		205.85	498.57	176.50		182.94		199.00	483.41			202.88	
04/04/04		205.85	499.99	175.12		182.94		199.00	488.50			202.88	
05/04/04		205.75	503.53	177.84		183.94		198.90	477.51			202.88	
06/04/04		204.15	498.49	176.55		182.54		197.30	470.28			201.08	
07/04/04		208.85	496.59	174.62		181.64		201.00	468.00			205.68	
08/04/04		204.65	492.19	176.73	178.59	182.84	177.89	197.90	467.72	178.57		201.68	190.59
09/04/04		194.79	497.69	178.88	182.72	183.74	182.07	194.27	477.72	182.76		194.68	194.99
10/04/04			496.59	174.62		181.64		201.00	468.02			205.68	
11/04/04			495.40	175.68	177.90				471.30	178.79		190.81	188.14
12/04/04			482.01	177.27	180.59				486.82	180.57		194.82	197.14
01/04/04						182.65	179.67	196.15	487.42				198.84
02/04/05				501.87	177.23	180.54	181.47	179.80	193.40	481.07	180.57	193.78	194.04
03/04/05				501.60	176.97	180.22	181.13	179.52	194.50	477.59	180.34	195.18	195.52
04/04/05				505.41	182.19	185.99	191.02	186.50	199.85	486.02	186.22	200.23	202.44

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)												
	DM-1 ⁽¹⁾	DM-2*	DM-4R ⁽²⁾	DM-8	DM-9	DM-10*	DM-11*	MW-1*	MW-2*	MW-3	MW-9*	MW-9A	MW-12 ⁽¹⁾
05/04/05		194.42	501.16	177.74	181.15	182.06	180.23	193.46	474.01	181.08	193.74	194.42	
06/04/05		193.50	495.48	175.88	178.11	179.92	178.35	192.66	471.23	178.98	190.67	193.23	
07/04/05		194.34	495.08	175.67	179.87	179.56	178.05	193.46	470.94	178.78	193.61	194.66	
08/04/05		190.55	489.59	173.66	176.72	177.60	175.92	189.84	465.28	171.59	190.12	190.85	
10/04/05		188.39	486.51	172.54	175.42	179.18	174.98	188.16	462.36	175.34	188.43		
11/04/05		190.93	491.54	175.37	178.64	179.69	177.94	190.15	475.86	178.63	191.25	192.15	
01/04/06		193.59	500.67	175.69	179.00	179.97	178.36	192.92	484.45	179.12	193.28		
02/04/06		193.47	504.23	176.70	180.11	180.00	179.65	192.51	480.21	180.16	192.75	193.54	
03/04/06		191.55	500.71	174.70	192.82	179.60	176.91	190.88	473.94	177.71	191.02	192.55	
04/04/06		190.83	498.45	173.63	176.62	177.60	175.98	190.38	473.21	176.79	190.72		
05/04/06		190.34	499.05	174.29	177.35	178.01	176.86	189.60	477.49	177.36	190.49	190.51	
06/04/06		197.18	504.10	179.34	183.06	184.00	182.54	196.53	482.45	183.24	197.07	197.50	
07/04/06		194.90	503.98	179.89	183.46	184.69	183.21	194.57	478.65	183.95	194.87		
08/04/06		190.56	498.90	176.39	179.86	180.79	179.49	190.18	470.81	180.07	190.57		
09/04/06		190.32	494.53	178.33	179.66	180.65	178.94	190.04	469.90	179.74	190.40		
10/04/06		190.10	493.02	176.17	179.37	180.21	178.79	189.93	468.23	179.55	190.30		
11/01/06		179.95	465.24	177.71	179.63	180.56	178.93	186.48	478.25	179.63	190.94	191.25	
12/01/06		179.26	467.28	177.21	178.79	179.91	178.38	185.40	472.99	179.17	190.24	190.19	
01/01/07		179.85	471.59	176.32	178.21	179.34	177.40	186.23	480.93	178.06	191.08		
02/01/07		179.43	472.30	175.84	178.67	179.68	177.52	186.38	480.76	178.79	191.92	193.52	
03/01/07		179.44	473.24	173.32	176.54	177.24	177.58	186.15	479.06	176.44	190.27	190.16	
04/01/07		180.70	475.13	176.19	177.89	178.61	177.16	187.16	480.92	177.87	191.48		
05/01/07		180.80	477.23	174.64	245.82	225.19	179.60	187.33	480.43	180.47	191.87	192.29	
07/01/07		179.64	468.43	181.52	178.43	179.43	177.83	185.50	471.25	268.42	190.32		
08/01/07		179.19	463.15	175.25	228.59	182.84	177.89	183.90	469.34	178.57	201.68	190.59	
10/01/07		175.45	460.00	172.17	175.32	176.04	174.25	183.68	462.85	174.95	187.98		
01/01/08		178.65	459.51	174.57	177.84	178.64	176.90	184.60	473.99	177.77	189.38		
04/01/08		180.70	477.36	176.87	180.44	181.24	177.16	186.90	478.28	180.37	191.57		
07/14/08		179.05	533.47	174.18	177.94	178.18	178.80	188.00	470.37	177.37	189.98		
10/13/08		183.05	523.88	172.37	175.54	176.24	174.70	183.30	466.15	175.47	188.08		
06/11/09		179.25	533.98	172.02	183.35	176.44		184.58	478.01	174.92		189.89	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)												
	DM-1 ⁽¹⁾	DM-2*	DM-4R ⁽²⁾	DM-8	DM-9	DM-10*	DM-11*	MW-1*	MW-2*	MW-3	MW-9*	MW-9A	MW-12 ⁽¹⁾
07/09/09		180.05	536.73	174.62	177.84	178.94	177.15	185.30	477.55	177.92	190.13	190.84	
08/05/09		535.18	175.72	177.14	182.62	176.95	185.15	474.90	177.52	190.13	191.09		
12/01/09	179.95	535.38	174.27	177.24	178.54	176.90	185.60	480.65	177.57		191.54		
01/13/10	179.40	536.30	173.72	176.79	177.59	176.10	185.50	478.51	176.92	189.78	190.64		
02/22/10	179.76	536.38	172.87	175.94	175.81	175.11	177.70	477.49	173.00	190.69	191.10		
03/08/10	179.53	538.56	173.37	177.12	177.94	176.48	185.18	485.54	177.16	190.58	191.25		
04/13/10	183.75	547.16	178.87	181.29	182.39	180.60	188.80	481.15	181.22	193.88			
05/18/10	184.05	542.88	178.54	180.64	181.64	179.80	188.19	478.85	180.47	193.58	193.34		
06/07/10	180.55	539.88	175.77	179.34	180.04	178.80	187.20	475.65	179.07	191.48	192.44		
07/13/10	180.55	534.55	174.62	177.84	178.74	177.03	186.50	473.19	177.48	191.58	191.64		
08/09/10	180.76	530.37	174.89	178.09	179.59	178.20	186.68	470.51	178.26	190.88	191.73		
09/10/10	178.05	527.28	175.17	177.34	177.94	175.50	184.40	467.15	177.17	189.48	189.04		
10/12/10	180.15	526.18	175.37	178.54	179.64	177.90	186.80	477.33	178.77	191.98	191.14		
11/17/10	178.15	521.78	174.97	175.64	177.74	176.10	185.10	469.95	176.07	189.98	189.54		
12/20/10	178.85	523.88	173.77	177.04	177.74	176.30	185.40	476.25	177.07	180.98	189.94		
02/08/11	177.65	526.04	171.97	298.44	174.84	173.70	184.20	475.50	174.17	188.48	188.44		
02/21/11	178.25	526.68	173.37	174.74	175.74	175.20	184.80	483.95	175.07	189.98	189.34		
03/09/11	180.45	536.96	173.86	177.06	177.97	176.70	186.35	491.67	176.87	191.37	190.92		
04/11/11	183.82	544.53	176.94	180.14	181.56	179.80	188.30	484.85	179.48	192.51	193.73		
05/16/11	183.15	545.68	178.07	181.64	182.84	181.00	189.60	484.65	181.77	193.68	194.34		
06/09/11	182.05	543.98	178.07	181.44		180.50	188.90	478.35	181.37	193.18	193.64		
07/12/11	181.55	537.88	176.47	179.84	180.84	178.90	188.40	474.05	179.77	192.98	192.94		
09/09/11	187.03	552.86	182.85	186.88	188.47	186.42	193.37	494.21	187.13	197.80	198.20		
09/21/11	186.79	549.24	185.09	187.85	189.11	187.32	193.49	479.38	188.04	198.19	198.12		
10/12/11	185.70	544.78	182.81	186.68	187.69	185.97	192.48	478.85	186.71	196.59	196.93		
12/02/11	184.75	546.38	181.87	183.94	185.14	183.50	191.80	484.35	184.17	196.28	195.64		
12/16/11	185.25	548.38	182.67	184.64	185.84	184.30	192.20	482.65	184.87	196.98	196.54		
01/16/12	183.56	543.48	179.08	182.49	182.45	181.81	190.53	481.85	182.57	194.64	194.74		
02/22/12	181.75	540.38	178.87	180.14	181.14	170.30	188.80	477.85	179.87	192.98	193.44		
03/07/12	181.40	538.38	175.96	179.04	179.94		188.27	477.15	175.47	192.88	192.64		
04/10/12	179.85	534.38	175.87	177.54	178.54	176.90	186.60	474.35	177.57	191.38	191.04		

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)												
	DM-1 ⁽¹⁾	DM-2*	DM-4R ⁽²⁾	DM-8	DM-9	DM-10*	DM-11*	MW-1*	MW-2*	MW-3	MW-9*	MW-9A	MW-12 ⁽¹⁾
05/01/12		179.50	533.58	174.22	177.26	178.15	176.65	186.24	478.05	177.36	190.31	190.14	
06/04/12		180.05	534.78	174.87	177.84	179.04	177.30	186.80	476.95	178.07	191.18	191.44	
07/17/12		177.85	531.68	173.17	176.24	177.14	175.40	174.10	470.25	176.27	188.78	190.04	
08/01/12		177.85	530.08	172.75	175.99	176.74	175.10	184.50	470.45	175.87	188.73	189.24	
09/13/12		177.32	524.90	172.19	175.29	176.10	174.62	183.34	467.55	175.35	188.13	187.91	
10/16/12		178.39	523.78	173.28	176.14	177.64	177.95	185.02	469.15	176.73	189.18	189.44	
11/26/12		177.50	519.84	171.36	173.99	175.42		183.26	468.47	174.51	191.85	187.85	
12/17/12		177.05	520.38	172.87	174.44	175.24	173.70	183.90	470.75	174.47	187.98	188.74	
01/03/13		178.55	523.08	174.17	176.04	176.99	175.40	185.05	477.85	176.07	189.18	189.89	
01/14/13		178.55	524.68		176.26	176.14	174.74	184.45	467.45	175.35	188.71		
02/13/13		162.05	501.78		176.24	176.94	175.40	185.00	480.65	176.17	189.48	190.14	
03/15/13			536.37		175.74	176.55	175.14		426.85	175.76	190.05	190.77	
04/15/13			538.28	173.76	175.76	176.39	174.89		482.85	175.87	189.75	190.44	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)							
	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	N-8	PZ-3*
07/15/98							198.99	
10/09/98							196.39	
01/13/99							193.55	
04/13/99						177.56	194.98	
04/20/99						177.32	195.25	
04/21/99						177.26	195.03	
04/22/99						177.18	195.03	
04/23/99						177.16	194.97	
04/24/99						177.40	194.98	
04/26/99						177.02	195.03	
04/27/99						176.96	195.03	
04/28/99						176.98	194.91	
04/29/99						176.92	194.95	
04/30/99							194.93	
05/01/99						176.77	194.97	
05/03/99						176.80	194.95	
05/04/99						176.79	194.95	
05/05/99								
05/07/99								
05/10/99						176.71	194.64	
05/12/99								
05/14/99								
05/17/99						176.60	194.73	
05/19/99								
05/21/99								
05/24/99						176.92	194.69	
05/26/99								
05/28/99						176.67	194.43	
06/02/99								
06/04/99								
06/07/99						176.03	194.21	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)							
	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	N-8	PZ-3*
06/09/99								
06/11/99								
06/14/99						175.87	193.66	
06/16/99								
06/18/99								
06/21/99						175.59	193.18	
06/23/99								
06/25/99								
06/28/99						175.41	193.27	
06/30/99								
07/02/99								
07/06/99						175.07	193.05	
07/07/99								
07/09/99								
07/12/99						174.97	192.90	
07/14/99								
07/16/99								
07/19/99						174.74	192.14	
07/21/99								
07/23/99								
07/26/99						174.60	191.85	
07/28/99								
07/30/99								
08/02/99						174.33	191.38	
08/04/99								
08/06/99								
08/09/99						174.27	191.30	
08/11/99								
08/13/99								
08/16/99						174.29	191.22	
08/18/99								

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)							
	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	N-8	PZ-3*
08/20/99								
08/23/99							174.01	191.05
08/25/99								
08/27/99								
08/30/99							174.14	191.09
09/01/99								
09/03/99								
09/08/99								
09/10/99								
09/13/99							174.06	191.03
09/15/99								
09/20/99							176.74	192.60
09/22/99								
09/22/99								
09/24/99								
09/27/99							176.99	192.34
09/29/99								
10/01/99								
10/04/99							176.90	192.31
10/06/99								
10/08/99								
10/15/99								
10/18/99							176.93	192.34
10/20/99								
10/22/99								
10/25/99							176.41	192.05
10/27/99								
10/29/99								
11/01/99							175.96	191.54
11/03/99								
11/05/99								

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)							
	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	N-8	PZ-3*
11/08/99							175.93	191.50
11/10/99								
11/12/99								
11/15/99							175.46	191.42
11/17/99								
11/19/99								
11/22/99							174.36	191.47
11/24/99								
11/26/99								
11/29/99							174.51	191.39
12/01/99								
12/03/99								
12/06/99							176.23	191.45
12/08/99								
12/10/99								
12/13/99							175.17	192.97
12/15/99								
12/17/99								
12/20/99							175.56	192.90
12/22/99								
12/24/99								
12/27/99							175.48	192.87
12/29/99								
01/03/00							174.81	193.00
01/05/00								
01/07/00								
01/10/00							174.79	192.97
01/12/00								
01/14/00								
01/17/00							174.55	192.92
01/19/00								

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)						
	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	N-8
01/24/00						174.56	192.91
02/01/00						174.87	192.94
02/02/00							
02/07/00						174.81	192.47
02/09/00							
02/11/00							
02/14/00						175.44	192.99
02/16/00							
02/18/00							
02/22/00						175.41	193.00
02/23/00							
02/28/00						175.47	193.22
03/01/00							
03/03/00							
03/06/00						176.65	193.34
03/10/00							
03/13/00						176.86	193.40
03/15/00							
03/17/00							
03/20/00						177.50	193.61
03/22/00							
03/24/00							
03/29/00							
03/31/00							
04/03/00						178.30	194.99
04/07/00							
04/10/00						178.00	194.92
04/12/00							
04/14/00							
04/17/00						177.87	194.97
04/19/00							

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)						
	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	N-8
04/24/00						178.20	195.39
04/26/00							
04/28/00							
05/01/00						178.06	195.37
05/03/00							
05/05/00							
05/08/00						178.20	195.41
05/10/00							
07/25/00						179.01	195.84
10/11/00						179.76	195.13
01/16/01						174.73	193.21
02/21/01						175.65	193.70
03/20/01						176.16	194.49
04/17/01						178.34	194.61
05/23/01						177.33	195.31
06/18/01						178.77	195.03
07/24/01						177.71	195.57
08/14/01						177.20	195.42
09/12/01						175.38	194.49
10/16/01						175.24	194.59
11/09/01						174.82	194.33
12/11/01						174.91	192.95
01/08/02						175.88	192.61
02/06/02						176.30	192.27
03/07/02						173.43	192.02
04/02/02						173.92	192.07
05/02/02						173.24	192.35
06/02/02						173.01	192.48
07/02/02						173.97	192.63
08/02/02						174.50	191.92
09/02/02						174.22	191.81

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)							
	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	N-8	PZ-3*
10/02/02						173.64	191.47	
11/02/02						174.01	191.65	
12/02/02						174.49	192.22	
01/02/03						174.65	193.09	
02/02/03						176.16	193.54	
03/02/03						178.38	194.42	
04/02/03						178.70	197.19	
05/02/03						178.00	196.37	
06/02/03								
07/02/03						179.82	195.61	
08/02/03						180.42	200.09	
09/02/03						179.27	194.29	
10/02/03						180.19	199.12	
11/02/03						180.87	194.71	
12/02/03						182.21	197.29	
01/04/04						182.95	195.73	
02/04/04						181.58	198.94	
03/04/04						179.84	195.06	
04/04/04						179.56	197.26	
05/04/04						181.35	194.60	
06/04/04						180.02	194.06	
07/04/04						179.52	198.66	
08/04/04						180.37	195.12	
09/04/04						181.38	196.70	
10/04/04							198.66	
11/04/04						181.92	194.42	
12/04/04						181.84	199.43	
01/04/04								
02/04/05						183.90	196.63	
03/04/05						183.95	200.64	
04/04/05						187.91	200.98	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)						
	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	N-8
05/04/05						185.00	196.43
06/04/05						182.76	196.23
07/04/05						182.55	197.30
08/04/05						180.34	195.52
10/04/05						179.16	193.23
11/04/05						181.77	195.06
01/04/06							197.18
02/04/06						183.26	197.09
03/04/06						181.30	194.65
04/04/06							196.72
05/04/06						180.32	194.68
06/04/06						184.35	198.18
07/04/06							196.91
08/04/06							194.01
09/04/06							194.13
10/04/06							193.69
11/01/06						182.60	193.95
12/01/06						182.31	193.65
01/01/07						182.47	193.89
02/01/07						184.22	194.95
03/01/07						183.26	194.93
04/01/07						182.93	195.33
05/01/07						178.62	194.43
07/01/07							194.20
08/01/07							193.30
10/01/07						180.37	192.77
01/01/08							193.11
04/01/08							194.18
07/14/08	183.75						194.62
10/13/08	182.33						193.23
06/11/09	181.90					179.32	

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)						
	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	N-8
07/09/09	182.65					180.12	194.58
08/05/09	182.90					181.02	194.73
12/01/09						181.12	194.03
01/13/10	183.17					180.67	194.13
02/22/10						180.02	193.70
03/08/10						180.75	194.85
04/13/10							194.33
05/18/10	185.15					184.42	194.98
06/07/10						183.32	194.73
07/13/10							194.65
08/09/10						182.42	194.63
09/10/10	183.85					181.62	193.63
10/12/10						188.22	194.65
11/17/10	183.75					182.52	194.23
12/20/10	183.25					181.62	194.13
02/08/11	182.30					179.92	193.53
02/21/11	182.15					179.02	193.83
03/09/11						180.96	194.19
04/11/11	184.45					185.84	194.53
05/16/11						186.32	195.43
06/09/11						186.32	195.33
07/12/11	185.45					184.82	195.03
09/09/11						188.53	197.48
09/21/11						190.99	198.09
10/12/11	187.65					191.75	197.23
12/02/11	187.75					189.42	196.23
12/16/11	188.55					189.92	197.03
01/16/12	188.05					189.02	195.43
02/22/12						185.52	194.53
03/07/12						184.82	194.43
04/10/12						183.52	193.93

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DATE	Groundwater Elevations (feet above mean sea level)							
	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	N-8	PZ-3*
05/01/12	188.95	193.26	225.26	248.94	342.39	498.80	184.02	197.43
06/04/12			224.06	247.08	339.99	501.60	183.12	194.13
07/17/12	184.45	192.46	219.66	242.78	333.99	498.70	181.92	193.23
08/01/12		191.93	219.11	241.48	332.44	497.45	181.52	193.63
09/13/12		190.93	215.07	238.61	326.60	492.26	180.94	193.37
10/16/12	183.25	191.28	194.16	237.78	324.69	488.90	177.62	193.53
11/26/12	177.37	189.65	210.81	235.46	321.07		180.22	193.25
12/17/12		190.16	211.56	235.78	320.69		180.12	193.23
01/03/13	177.45	189.56	210.61	234.89	320.64		180.82	193.63
01/14/13								192.73
02/13/13	179.15	190.06	208.66	234.58	320.39	496.20	180.72	193.73
03/15/13		189.32	208.78	173.18	321.65	401.67	180.26	
04/15/13	176.85	189.06	207.81	234.28	324.79	505.70	179.97	193.63

TABLE 1
GROUNDWATER ELEVATION SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

Footnotes

- (1) DM-1 and MW-12 have been decommissioned.
 - (2) DM-4R was installed on November 2, 2001 to replace DM-4 and first sampled during the 1st Quarter 2002. The groundwater elevations prior to the 1st Quarter 2002 were recorded in DM-4.
- * Abatement Zone Network Wells

Notes

- 1. DM-2 and MW-1 were unaccessible for water level readings beginning in March 2013 due to the stage 3D/3E slide.
- 2. MW-14 was installed on February 6, 2012.
- 3. MW-15 was installed on January 30, 2012.
- 4. MW-16 was installed on December 19, 2011.
- 5. MW-17 was installed on January 24, 2012.
- 6. MW-18 was installed on February 13, 2012.

 Data excluded due to suspected transducer malfunction.

 Groundwater elevation was not recorded.

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

Parameter	Units	Cleanup Level ⁽¹⁾	01/16/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/13/99	01/19/00	04/12/00
1,1,1-Trichloroethane	ug/l	200	5	6	7	7	5	5	5	6	5	5
1,1-Dichloroethane	ug/l	31	29	26	33	28	28	32	23	24	25	26
1,1-Dichloroethene	ug/l	7	4	4	4	5	1	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	1	1	2	2	1					
1,2-Dichloropropane	ug/l	5	1	1	2	2	2	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	2	0.9	1	2	2	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	1	0.8	1	<1	1	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<1	<1	<1	<1	<1	<5	<5	<5	8	<5
Chlorobenzene	ug/l	100	56	47	65	83	53	57	48	46	42	46
cis 1,2-Dichloroethene	ug/l	70	9	12	14	12	7	13	9	10	8	10
Iron (Total)	mg/l	--	2.97	1.69	1.11	1.24	1.13	1.15	0.15	0.1	0.25	1.75
Iron (Dissolved)	mg/l	--	0.25	0.22	0.34	0.55	0.3	0.33	0.08	0.07	0.27	0.14
Manganese (Total)	mg/l	--	5.83	5.57	5.53	5.88	5.25	6.05	4.29	3.42	3.29	3.38
Manganese (Dissolved)	mg/l	--	5.7	5.55	5.59	6.05	5.21	5.91	4.23	3.41	3.23	3.33
Methylene Chloride	ug/l	5	<1	1	2	<1	<1	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	3	4	5	4	3	5	6	7	7	8
trans 1,2-Dichloroethene	ug/l	100	<1	<1	<1	<1	<1	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	15	14	20	20	12	16	16	14	12	14
Trichloromethane (Chloroform)	ug/l	80	<1	1	1	<1	0.5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	2	1	2	2	1	<2	<2	<2	<2	<2

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

Parameter	Units	Cleanup Level ⁽¹⁾	07/25/00	10/11/00	01/17/01	04/18/01	07/25/01	10/17/01	02/06/02	04/17/02	07/17/02	10/09/02
1,1,1-Trichloroethane	ug/l	200	5	<5	5	<5	<5	6	5	<5	<5	<5
1,1-Dichloroethane	ug/l	31	20	21	21	19	19	21	22	17	16	15
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	6	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5										
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	5	<5	<5	<5	6	5	<5	<5
Chlorobenzene	ug/l	100	50	39	34	46	36	42	37	28	23	22
cis 1,2-Dichloroethene	ug/l	70	8	9	9	9	8	9	9	7	6	6
Iron (Total)	mg/l	--	1.42	0.07	0.04	0.58	0.05	0.07	0.23	0.06	0.15	0.21
Iron (Dissolved)	mg/l	--	0.13	0.05	0.03	0.08	0.04	0.06	0.04	0.04	0.09	<0.03
Manganese (Total)	mg/l	--	3.35	2.73	2.64	2.95	2.75	2.47	2.16	2.03	2.48	1.87
Manganese (Dissolved)	mg/l	--	3.36	2.72	2.63	2.87	2.74	2.6	2.17	2.04	2.44	1.85
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	7	7	7	8	7	7	9	7	<5	7
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	15	15	13	14	13	15	14	11	10	9
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	3	<2	<2	<2	<2	<2	<2

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/03	04/16/03	07/15/03	10/16/03	01/21/04	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05
1,1,1-Trichloroethane	ug/l	200	<5	<5	5	5	< 5	5	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	19	17	21	20	13	13.7	9.3	10.5	10.4	11.1
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	26	28	25	25	13	14.1	8	18.1	11.8	11.3
cis 1,2-Dichloroethene	ug/l	70	8	6	7	7	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	0.5	0.07	0.12	0.31	0.49	2.72	0.4	1.02	0.61	19.5
Iron (Dissolved)	mg/l	--	0.13	< 0.05	0.06	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.03	< 0.05
Manganese (Total)	mg/l	--	1.8	1.95	2.27	1.89	2.27	2.32	1.07	2.17	2.09	3.91
Manganese (Dissolved)	mg/l	--	1.82	1.91	2.26	1.9	2.28	2.15	1.01	2.04	2.04	1.92
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	6	6	<5	6	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	11	12	12	13	11	11.6	6.5	8.9	9.8	8.9
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

Parameter	Units	Cleanup Level ⁽¹⁾	07/12/05	10/04/05	01/18/06	04/11/06	07/18/06	10/10/06	01/16/07	04/03/07	07/17/07	07/30/07
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	11.4	13.4	10.4	7	10.6	10	9.3	10.8	7.6	6.4
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	15.8	20.8	15.8	19	18.2	15.9	15.8	16.1	9.5	7.8
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	0.75	0.91	0.89	0.5	0.11	2.12	2.12	0.23	0.72	
Iron (Dissolved)	mg/l	--	< 0.05	0.08	0.18	0.07	< 0.05	0.12	< 0.05	< 0.05	0.1	
Manganese (Total)	mg/l	--	2.21	2.55	2.81	2.54	2.16	2.53	2.46	2.26	1.88	
Manganese (Dissolved)	mg/l	--	2.17	2.45	2.87	2.61	2.24	2.32	2.34	2.25	1.89	
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	10.2	9.9	9.1	10	9.6	10.1	9.8	10.4	8.2	6.2
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

Parameter	Units	Cleanup Level ⁽¹⁾	10/17/07	01/15/08	04/15/08	07/16/08	10/14/08	01/14/09	04/14/09	07/08/09	10/13/09	01/12/10
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	9.3	10.3	9.3	9.3	9.9	11.4	10.3	11	9.9	11
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--								12	< 50.0	14
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	11.7	12.8	13.8	17.5	24.1	24.5	28	26	14	22
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	< 0.05	0.05	0.32	0.06	0.06	0.6	0.27	0.25	0.31	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.18	< 0.05	< 0.05
Manganese (Total)	mg/l	--	1.95	1.88	2.02	2.11	2.25	2.43	2.35	2.49	1.85	2.3
Manganese (Dissolved)	mg/l	--	1.95	1.87	1.94	2.21	2.21	2.51	2.31	2.45	1.95	2.24
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	9.6	9.8	9.8	10.2	9.2	10.9	11.8	11	9.7	11
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

Parameter	Units	Cleanup Level ⁽¹⁾	04/13/10	07/14/10	08/04/10
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	3.1
1,1-Dichloroethane	ug/l	31	10	13	12
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	4
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 1.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 1.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 1.0
1,4-Dioxane	ug/l	--	< 5.0	< 5.0	< 50
Benzene	ug/l	5	< 5.0	< 5.0	< 1.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 1.0
Chlorobenzene	ug/l	100	17	32	32
cis 1,2-Dichloroethene	ug/l	70	< 5.0	6.1	5.7
Iron (Total)	mg/l	--	0.06	0.07	
Iron (Dissolved)	mg/l	--	0.06	< 0.05	
Manganese (Total)	mg/l	--	2.02	2.52	
Manganese (Dissolved)	mg/l	--	2.02	2.5	
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 1.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	1.9
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 1.0
Trichloroethene	ug/l	5	10	13	13
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 1.0

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

Parameter	Units	Cleanup Level ⁽¹⁾	10/12/10	02/08/11	04/13/11	07/13/11	10/12/11	01/17/12	05/04/12	07/24/12	10/17/12	01/16/13
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	11	8	11	11	11	< 5.0	6	8.1	10	7.9
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--	13	< 5.0	13	14	< 5.0	< 5.0	18	< 5.0	6.4	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	23	10	8.1	15	14	< 5.0	< 5.0	< 5.0	11	8.6
cis 1,2-Dichloroethene	ug/l	70	5.6	< 5.0	5.3	5.2	5.4	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	< 0.05	0.06	< 0.05	< 0.05	< 0.05	0.07	< 0.05	< 0.05	< 0.05	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	1.98	1.69	1.88	1.91	2.03	< 0.01	< 0.01	0.01	1.82	1.76
Manganese (Dissolved)	mg/l	--	1.95	1.66	1.78	1.92	1.97	< 0.01	< 0.01	< 0.01	1.82	1.76
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	11	9.6	10	10	11	< 5.0	< 5.0	< 5.0	9.9	9
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2A
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-2

Footnotes

- (1) Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.
 2. No sample was collected during the second quarter of 2013.
- Analyte was not analyzed on that date.

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4R

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/14/99	01/19/00	04/12/00
1,1,1-Trichloroethane	ug/l	200	<5	<5	<0.5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	31	<5	<5	<0.5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	ug/l	7	<5	<5	<0.5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5			<0.5	<1	<0.5					
1,2-Dichloropropane	ug/l	5			<0.5	<1	<0.5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75			<0.5	<1	<0.5	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<0.5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5			<0.5	<1	<0.5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100			<0.5	<1	<0.5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	<5	<5	<0.5	<5	<5	<5	<5	<5	<5	<5
Iron (Total)	mg/l	--	1.6	2	0.17	5.53	0.29	2.01	4.1	0.87	1.1	0.22
Iron (Dissolved)	mg/l	--	0.05	1.5	0.1	0.05	<0.05	0.11	0.79	<0.03	0.03	<0.03
Manganese (Total)	mg/l	--	0.01	<0.01	<0.01	0.04	<0.01	0.01	0.05	<0.01	<0.01	<0.01
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene Chloride	ug/l	5	<5	<5	<0.5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<5	<5	<0.5	<5	<5	<5	<5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<0.5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	<5	<5	<0.5	<5	<5	<5	<5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	80			<0.5	<1	<0.5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<0.5	<5	<2	<2	<2	<2	<2	<2

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4R

Parameter	Units	Cleanup Level ⁽¹⁾	07/25/00	10/12/00	01/15/03	07/16/03	10/15/03	01/22/04	04/14/04	07/13/04	10/12/04	01/11/05
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethane	ug/l	31	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	ug/l	5			<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
cis 1,2-Dichloroethene	ug/l	70	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
Iron (Total)	mg/l	--	0.17	0.19	660	130	130	510	<0.05	<0.05	0.08	0.28
Iron (Dissolved)	mg/l	--	<0.03	0.17	660	<50	<50	<50	<0.05	<0.05	<0.05	<0.02
Manganese (Total)	mg/l	--	<0.01	<0.01	10	<10	<10	<10	<0.01	<0.01	<0.010	<0.01
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	10	<10	<10	<10	<0.01	<0.01	<0.01	<0.01
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
Trichloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2.0	<2.0	<2.0	<2.0

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4R

Parameter	Units	Cleanup Level ⁽¹⁾	04/13/05	07/12/05	10/04/05	01/17/06	04/11/06	07/18/06	10/10/06	01/16/07	04/03/07	07/17/07
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	< 0.05	< 0.05	0.11	0.21	0.19	< 0.05	0.06	< 0.05	< 0.05	0.14
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4R

Parameter	Units	Cleanup Level ⁽¹⁾	10/17/07	01/15/08	04/15/08	07/16/08	10/14/08	01/13/09	04/14/09	07/08/09	10/13/09	01/12/10
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--								39	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	0.11	0.17	< 0.05	< 0.05	0.19	< 0.05	0.09	0.47	0.32	0.33
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4R

Parameter	Units	Cleanup Level ⁽¹⁾	04/13/10	07/14/10	10/12/10	02/08/11	04/12/11	07/13/11	10/12/11	01/17/12	05/02/12	07/19/12
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	< 0.05	0.05	< 0.05	0.39	0.54	0.12	< 0.05	< 0.05	0.05	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4R

Parameter	Units	Cleanup Level ⁽¹⁾	10/17/12	01/15/13	04/16/13
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.00
1,1-Dichloroethane	ug/l	31	< 5.0	< 5.0	< 5.00
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.00
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.00
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.00
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.00
1,4-Dioxane	ug/l	--	< 5.0	< 5.0	< 5.00
Benzene	ug/l	5	< 5.0	< 5.0	< 5.00
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.00
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.00
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.00
Iron (Total)	mg/l	--	0.09	0.11	0.13
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.00
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.00
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.00
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.00
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.00
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.00

TABLE 2B
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-4R

Footnotes

- (1) Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

Notes



Analyte was not analyzed on that date.

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/13/99	01/19/00	04/12/00
1,1,1-Trichloroethane	ug/l	200	24	23	29	11	12	25	10	15	9	12
1,1-Dichloroethane	ug/l	31	32	28	34	17	25	37	17	21	18	18
1,1-Dichloroethene	ug/l	7	5	5	5	2	3	6	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5					
1,2-Dichloropropane	ug/l	5	0.6	<0.5	0.7	<1	<0.5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	2	2	2	<1	0.6		<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	2	2	3	<1	0.9	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	0.8	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	16	17	21	10	11	19	9	12	8	10
Iron (Total)	mg/l	--	9.63	5.91	1.74	8.94	16	5.55	0.64	4.16	2.02	6.48
Iron (Dissolved)	mg/l	--	0.15	0.05	0.05	0.14	0.21	0.32	0.11	0.11	0.15	0.11
Manganese (Total)	mg/l	--	0.03	0.02	0.01	0.05	0.06	0.04	0.02	0.02	0.02	0.01
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	0.03	0.03	0.03	0.01	0.01	0.01	<0.01
Methylene Chloride	ug/l	5	2	2	3	<1	0.8	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	7	7	8	4	5	8	<5	6	<5	5
trans 1,2-Dichloroethene	ug/l	100	<0.5	<0.5	0.7	<1	<0.5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	5	4	6	2	3	6	<5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	80	0.8	0.8	1	<1	0.8	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	5	5	5	<1	2	7	<2	3	2	3

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

Parameter	Units	Cleanup Level ⁽¹⁾	07/25/00	10/11/00	01/17/01	04/18/01	07/25/01	10/17/01	02/06/02	04/17/02	07/17/02	10/09/02
1,1,1-Trichloroethane	ug/l	200	15	12	16	11	9	17	6	9	5	5
1,1-Dichloroethane	ug/l	31	18	18	23	18	13	25	12	15	10	9
1,1-Dichloroethene	ug/l	7	<5	<5	5	<5	<5	7	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5										
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	11	11	13	9	8	15	7	9	5	5
Iron (Total)	mg/l	--	3.08	0.72	4.55	2.29	2.99	2.38	1.05	7.05	3.85	5.28
Iron (Dissolved)	mg/l	--	0.11	0.18	0.14	0.07	0.06	0.13	0.03	0.03	0.1	0.14
Manganese (Total)	mg/l	--	0.01	<0.01	0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	6	5	7	5	<5	7	6	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	3	3	4	4	2	5	<2	2	<2	<2

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/03	04/16/03	07/15/03	10/15/03	01/21/04	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05
1,1,1-Trichloroethane	ug/l	200	5	8	6	11	5	7.8	6.4	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	7	14	12	18	8	15.9	11.5	< 5.0	5.3	< 5.0
1,1-Dichloroethene	ug/l	7	< 5	< 5	< 5	< 5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5	< 5	< 5	< 5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5	< 5	< 5	< 5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5	< 5	< 5	< 5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5	< 5	< 5	< 5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5	< 5	< 5	< 5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5	< 5	< 5	< 5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5	9	6	12	<5	7.9	6.5	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	6.59	10.2	0.59	18.5	3.19	2.19	0.25	3.81	0.73	2.02
Iron (Dissolved)	mg/l	--	0.06	0.05	< 0.05	< 0.05	< 0.05	0.15	0.06	< 0.05	< 0.02	< 0.05
Manganese (Total)	mg/l	--	0.01	0.02	< 0.01	0.02	< 0.01	< 0.010	< 0.01	< 0.010	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5	<5	< 5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	5	< 5	6	< 5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5	< 5	< 5	< 5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5	< 5	< 5	< 5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5	< 5	< 5	< 5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	<2	2	<2	3	<2	2.2	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

Parameter	Units	Cleanup Level ⁽¹⁾	07/12/05	10/04/05	01/17/06	04/11/06	07/19/06	10/10/06	01/16/07	04/03/07	07/17/07	07/30/07
1,1,1-Trichloroethane	ug/l	200	5.2	< 5.0	5.4	5.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	10.8	6.2	13	12.4	< 5.0	< 5.0	8.2	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	5.4	< 5.0	5.6	6.5	< 5.0	< 5.0	6.3	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	2.59	4.28	1.69	< 0.05	0.16	< 0.05	< 0.05	< 0.05	0.16	
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	0.06	< 0.05	< 0.05	0.09	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	0.01	0.01	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	8.1	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

Parameter	Units	Cleanup Level ⁽¹⁾	10/17/07	01/15/08	04/15/08	07/16/08	10/14/08	01/13/09	04/14/09	07/08/09	10/13/09	01/12/10
1,1,1-Trichloroethane	ug/l	200	5.2	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	11.2	< 5.0	< 5.0	< 5.0	5.6	< 5.0	< 5.0	5.7	< 5.0	5.5
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--								< 5.0	< 50.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	6.3	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	< 0.05	< 0.05	0.15	< 0.05	0.09	< 0.05	< 0.05	< 0.05	< 0.05	0.06
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	0.01	< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

Parameter	Units	Cleanup Level ⁽¹⁾	04/13/10	07/14/10	08/04/10	10/12/10	02/09/11	04/12/11	07/13/11	10/12/11	01/17/12	05/02/12
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	2.6	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	< 5.0	7.1	8.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	6
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	2	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--	< 5.0	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	3.8	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	< 0.05	< 0.05		< 0.05	< 0.05	0.3	< 0.05	0.46	0.07	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01		< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	2.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	1.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

Parameter	Units	Cleanup Level ⁽¹⁾	07/19/12	10/17/12	01/15/13	04/16/13
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.00
1,1-Dichloroethane	ug/l	31	8.1	< 5.0	< 5.0	< 5.00
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.00
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.00
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.00
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.00
1,4-Dioxane	ug/l	--	< 5.0	< 5.0	< 5.0	< 5.00
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.00
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.00
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.00
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.00
Iron (Total)	mg/l	--	< 0.05	0.07	0.1	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	0.01	< 0.01	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.00
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.00
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.00
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.00
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.00
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.00

TABLE 2C
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-10

Footnotes

- (1) Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.

Analyte was not analyzed on that date.

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/13/99	04/12/00	07/25/00
1,1,1-Trichloroethane	ug/l	200	6	6	8	9	5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	31	28	30	42	43	36	23	20	18	15	21
1,1-Dichloroethene	ug/l	7	1	2	2	3	2	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5					
1,2-Dichloropropane	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	2	1	2	3	2	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	2	2	4	4	3	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	1	0.9	2	3	2	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	16	19	31	35	23	14	12	10	8	13
Iron (Total)	mg/l	--	0.28	0.36	1.37	0.35	0.46	2.18	<0.05	0.07	2.46	0.38
Iron (Dissolved)	mg/l	--	<0.05	0.05	<0.05	0.08	<0.05	0.07	<0.05	<0.03	0.06	<0.03
Manganese (Total)	mg/l	--	<0.01	<0.01	0.03	0.01	0.01	0.02	<0.01	<0.01	0.02	<0.01
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01
Methylene Chloride	ug/l	5	18	19	29	32	19	11	7	<5	<5	9
Tetrachloroethene	ug/l	5	10	11	17	16	12	8	8	6	5	8
trans 1,2-Dichloroethene	ug/l	100	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	15	17	27	29	18	12	15	13	11	14
Trichloromethane (Chloroform)	ug/l	80	0.6	0.8	0.8	<1	0.5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	6	7	8	7	6	3	2	<2	<2	2

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

Parameter	Units	Cleanup Level ⁽¹⁾	10/11/00	01/17/01	04/18/01	07/25/01	10/17/01	02/06/02	04/17/02	07/17/02	10/09/02	01/15/03
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	31	18	16	12	11	15	14	15	14	14	13
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5										<5
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	11	8	7	6	10	8	8	8	9	8
Iron (Total)	mg/l	--	0.04	<0.03	0.12	<0.03	0.09	0.07	0.84	0.04	<0.03	0.08
Iron (Dissolved)	mg/l	--	0.04	<0.03	0.04	<0.03	<0.03	<0.03	0.31	0.03	<0.03	<0.05
Manganese (Total)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Manganese (Dissolved)	mg/l	--	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	6	6	<5	<5	7	7	6	<5	6	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	13	13	8	9	14	12	8	11	11	8
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

Parameter	Units	Cleanup Level ⁽¹⁾	04/16/03	07/16/03	10/16/03	01/21/04	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05	07/13/05
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	9	16	25	11	14.1	12.3	9.4	10.1	< 5.0	11.9
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	5	9	14	7	7.8	7.9	5.4	6	< 5.0	8
Iron (Total)	mg/l	--	< 0.05	0.2	0.06	< 0.05	< 0.05	0.15	0.07	< 0.05	0.21	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.02	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.010	< 0.01	< 0.010	< 0.01	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	<5	<5	7	<5	5.1	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	6	10	16	7	9.6	9	5.5	6.5	< 5.0	10.4
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

Parameter	Units	Cleanup Level ⁽¹⁾	10/04/05	01/17/06	04/11/06	07/18/06	01/16/07	04/03/07	07/17/07	07/30/07	10/17/07	01/15/08
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	17.1	10.4	11.5	9.7	< 5.0	8	6.7	< 5.0	8.4	11.2
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	8.4	5.9	7.1	5.4	< 5.0	< 5.0	< 5.0	< 5.0	6	7.2
Iron (Total)	mg/l	--	< 0.05	< 0.05	0.2	0.05	< 0.05	0.19	< 0.05		0.17	0.19
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01		< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	13.8	7.6	9.5	5.2	< 5.0	6.9	< 5.0	< 5.0	9.3	7.9
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

Parameter	Units	Cleanup Level ⁽¹⁾	04/15/08	07/16/08	10/14/08	01/13/09	04/14/09	07/08/09	10/13/09	01/12/10	04/13/10	07/14/10
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	8.4	8.7	< 5.0	7.1	8.5	6.5	7.9	8.6	5.4	8.3
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--						< 5.0	< 50.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	5.5	7	< 5.0	5.3	5.4	< 5.0	< 5.0	5	< 5.0	5.3
Iron (Total)	mg/l	--	0.11	< 0.05	< 0.05	0.05	0.06	< 0.05	< 0.05	0.07	0.11	0.08
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	6.7	6.4	< 5.0	6.2	8.2	5.8	7.5	7.7	< 5.0	7.2
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

Parameter	Units	Cleanup Level ⁽¹⁾	08/04/10	10/12/10	02/08/11	04/12/11	07/13/11	10/12/11	01/17/12	05/02/12	07/19/12	10/17/12
1,1,1-Trichloroethane	ug/l	200	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	7.5	5.7	6.5	5.7	7.7	< 5.0	< 5.0	8.3	7.4	7.8
1,1-Dichloroethene	ug/l	7	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	4.6	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5.8	6	< 5.0
Iron (Total)	mg/l	--		< 0.05	0.16	< 0.05	< 0.05	< 0.05	0.05	< 0.05	< 0.05	3.33
Iron (Dissolved)	mg/l	--		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01
Manganese (Dissolved)	mg/l	--		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	2.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	6.2	< 5.0	5.8	< 5.0	6.5	< 5.0	< 5.0	8.8	8.7	5.1
Trichloromethane (Chloroform)	ug/l	80		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/13	04/17/13
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.00
1,1-Dichloroethane	ug/l	31	7	6.16
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.00
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.00
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.00
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.00
1,4-Dioxane	ug/l	--	< 5.0	< 5.00
Benzene	ug/l	5	< 5.0	< 5.00
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.00
Chlorobenzene	ug/l	100	< 5.0	< 5.00
cis 1,2-Dichloroethene	ug/l	70	5.1	< 5.00
Iron (Total)	mg/l	--	< 0.05	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.00
Tetrachloroethene	ug/l	5	< 5.0	< 5.00
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.00
Trichloroethene	ug/l	5	7.4	5.52
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.00
Vinyl Chloride	ug/l	2	< 2.0	< 2.00

TABLE 2D
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

DM-11

Footnotes

- (1) Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.

Analyte was not analyzed on that date.

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

Parameter	Units	Cleanup Level ⁽¹⁾	01/16/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/13/99	01/19/00	04/12/00
1,1,1-Trichloroethane	ug/l	200	9	9	12	11	8	8	8	9	8	10
1,1-Dichloroethane	ug/l	31	15	14	19	15	16	17	16	17	18	19
1,1-Dichloroethene	ug/l	7	2	2	2	2	2	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	2	2	3	2	2					
1,2-Dichloropropane	ug/l	5	2	2	3	2	2	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	1	0.7	0.9	1	1	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	1	1	2	1	1	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<0.5	<0.5	0.6	<1	<0.5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	2	1	2	2	2	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	4	4	6	5	4	5	<5	<5	<5	<5
Iron (Total)	mg/l	--	5.25	8.03	11.1	23.3	9.71	11.6	2.7	6.18	3.76	1.76
Iron (Dissolved)	mg/l	--	0.48	0.38	0.34	0.11	0.5	0.72	0.47	1	0.61	0.34
Manganese (Total)	mg/l	--	0.33	0.5	0.55	2.36	0.47	0.41	0.3	0.38	0.23	0.19
Manganese (Dissolved)	mg/l	--	0.18	0.27	0.21	0.35	0.23	0.2	0.21	0.25	0.16	0.13
Methylene Chloride	ug/l	5	2	2	3	3	2	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	17	16	24	17	17	18	18	16	17	18
trans 1,2-Dichloroethene	ug/l	100	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	4	4	6	5	5	5	5	5	<5	6
Trichloromethane (Chloroform)	ug/l	80	3	3	4	4	3	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	2	2	3	2	2	3	2	2	2	2

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

Parameter	Units	Cleanup Level ⁽¹⁾	07/25/00	10/11/00	01/17/01	04/18/01	07/25/01	10/17/01	02/06/02	04/17/02	07/17/02	10/09/02
1,1,1-Trichloroethane	ug/l	200	10	9	8	6	7	8	7	7	7	6
1,1-Dichloroethane	ug/l	31	14	16	15	14	13	16	16	13	16	13
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5										
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	<5	5	5	5	<5	6	<5	<5	<5	<5
Iron (Total)	mg/l	--	5.92	10.4	3.66	3.22	2.76	3.44	35.6	9.81	3.8	5.59
Iron (Dissolved)	mg/l	--	1	1.07	0.83	1.07	0.81	1.09	3.01	0.82	0.98	1.19
Manganese (Total)	mg/l	--	0.3	0.21	0.21	0.16	0.19	0.19	0.71	0.59	0.37	0.54
Manganese (Dissolved)	mg/l	--	0.21	0.14	0.15	0.13	0.15	0.14	0.38	0.33	0.31	0.41
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	17	17	17	17	17	18	15	15	16	16
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	5	6	6	5	5	6	6	<5	5	<5
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	3	2	<2	<2	<2	2	<2	2	<2

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/03	04/16/03	07/15/03	10/15/03	01/21/04	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05
1,1,1-Trichloroethane	ug/l	200	7	8	9	7	7	6.9	7.1	6.5	7	7.4
1,1-Dichloroethane	ug/l	31	16	16	22	15	15	17	16	14.7	15.4	16.8
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloroethane	ug/l	5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0	<5.0
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0	<5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0	<5.0
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0	<5.0
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0	<5.0
cis 1,2-Dichloroethene	ug/l	70	5	6	6	5	<5	5	<5.0	<5.0	<5.0	<5.0
Iron (Total)	mg/l	--	5.01	8.28	5.5	21.4	24.1	5.68	5.07	10.3	4.41	4.69
Iron (Dissolved)	mg/l	--	0.56	0.69	0.44	< 0.05	< 0.05	0.73	0.42	0.86	0.63	0.89
Manganese (Total)	mg/l	--	0.36	0.39	0.46	2.32	2.38	0.506	0.48	0.286	0.17	0.23
Manganese (Dissolved)	mg/l	--	0.21	0.18	0.23	0.64	0.66	0.36	0.36	0.23	0.15	0.21
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	ug/l	5	17	19	17	16	16	17.6	16.5	15.8	17.2	16.4
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	ug/l	5	5	6	5	5	<5	5.5	<5.0	<5.0	<5.0	<5.0
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	<5.0	<5.0	<5.0	<5.0	<5.0
Vinyl Chloride	ug/l	2	2	2	2	<2	<2	<2.0	<2.0	<2.0	<2.0	<2.0

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

Parameter	Units	Cleanup Level ⁽¹⁾	07/12/05	10/04/05	01/17/06	04/11/06	07/18/06	10/10/06	01/16/07	04/03/07	07/17/07	07/30/07
1,1,1-Trichloroethane	ug/l	200	6.4	6.8	7.1	6	7.1	6.9	6.7	6.5	6.1	4.4
1,1-Dichloroethane	ug/l	31	16.8	18.2	17.6	15.2	16.4	15.1	12.8	14.7	13.5	13.5
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	5.17	2.51	8.22	5.06	1.98	8.85	12.3	13.4	1.72	
Iron (Dissolved)	mg/l	--	0.6	1.01	1.18	1.15	0.83	4.32	0.72	0.86	0.85	
Manganese (Total)	mg/l	--	0.41	0.25	0.26	0.21	0.34	0.25	0.6	0.33	0.18	
Manganese (Dissolved)	mg/l	--	0.31	0.22	0.2	0.19	0.3	0.23	0.38	0.2	0.16	
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	15.3	16.4	16.4	16.8	16.3	15	16.8	17	15.1	7.8
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	6.3
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	2.4	< 2.0	< 2.0

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

Parameter	Units	Cleanup Level ⁽¹⁾	10/17/07	01/15/08	04/15/08	07/16/08	10/14/08	01/13/09	04/14/09	07/08/09	10/13/09	01/12/10
1,1,1-Trichloroethane	ug/l	200	6.5	6.9	6	6.8	6.6	5.3	5	< 5.0	5.5	5.3
1,1-Dichloroethane	ug/l	31	14.7	18.2	15.8	14.1	19.9	15	15.4	14	15.6	17
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--									60.6	40
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	5.4	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	7.72	3.44	3.77	2.52	2.24	7.54	2.27	< 0.05	3.18	4.78
Iron (Dissolved)	mg/l	--	0.94	1.52	1.48	1.34	1.45	1.5	1.35	1.24	1.06	1.28
Manganese (Total)	mg/l	--	0.22	0.2	0.18	0.16	0.16	0.18	0.14	< 0.01	0.13	0.14
Manganese (Dissolved)	mg/l	--	0.19	0.18	0.16	0.16	0.16	0.16	0.14	0.15	0.13	0.14
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	10.1	18.4	16.4	17.1	12.7	15.9	15.2	15	15.9	15
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	5.2*	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	2	2.1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

Parameter	Units	Cleanup Level ⁽¹⁾	04/13/10	07/14/10	08/04/10	10/12/10	02/08/11	04/12/11	07/13/11	10/12/11	01/17/12	05/02/12
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	4.2	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	17	17	16	16	13	16	17	16	14	15
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	2.2	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	1.8	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	1.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	1.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--	54	26	< 50	53	47	38	55	44	< 5.0	57
Benzene	ug/l	5	< 5.0	< 5.0	1.1	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	5.7	5.3	5.3	6.1	5.3	7.1	6.6	6.3	5.7	6
Iron (Total)	mg/l	--	1.32	1.83		1.01	1.33	3.09	3.11	1.34	1.67	3.46
Iron (Dissolved)	mg/l	--	0.92	1.17		0.74	0.8	0.96	1.14	0.85	0.69	0.87
Manganese (Total)	mg/l	--	0.13	0.16		0.1	0.1	0.09	0.11	0.09	0.08	0.09
Manganese (Dissolved)	mg/l	--	0.13	0.15		0.1	0.1	0.09	0.11	0.08	0.08	0.08
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	16	15	14	17	16	15	14	13	12	13
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	5.1	4.4	5.2	< 5.0	5	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	1.3	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

Parameter	Units	Cleanup Level ⁽¹⁾	07/19/12	10/17/12	01/15/13
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	14	13	11
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--	41	62	31
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	5.7	5.3	5.1
Iron (Total)	mg/l	--	2.93	2.15	1.87
Iron (Dissolved)	mg/l	--	1.88	0.75	0.77
Manganese (Total)	mg/l	--	0.13	0.09	0.1
Manganese (Dissolved)	mg/l	--	0.13	0.08	0.09
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	11	15	12
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0

TABLE 2E
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-1

Footnotes

- (1) Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.
2. No sample was collected during the second quarter of 2013.



Analyte was not analyzed on that date.

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾	01/16/98	04/16/98	07/15/98	10/08/98	01/14/99	04/29/99	07/14/99	10/14/99	01/19/00	04/12/00
1,1,1-Trichloroethane	ug/l	200	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	31	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
1,1-Dichloroethene	ug/l	7	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	0.5	<0.5	0.6	2	0.8					
1,2-Dichloropropane	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Iron (Total)	mg/l	--	0.44	0.43	0.64	0.22	0.1	0.31	0.4	0.1	1.03	0.09
Iron (Dissolved)	mg/l	--	0.23	0.17	0.17	0.09	<0.05	0.13	<0.05	<0.03	0.05	<0.03
Manganese (Total)	mg/l	--	0.05	0.04	0.05	<0.01	0.03	0.04	0.02	0.05	0.08	0.02
Manganese (Dissolved)	mg/l	--	0.05	0.04	0.02	<0.01	0.02	0.03	0.01	0.05	0.02	0.02
Methylene Chloride	ug/l	5	<0.5	<0.5	<0.5	1	<0.5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	80	<0.5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<0.5	<0.5	<0.5	<1	<0.5	<2	<2	<2	<2	<2

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾	07/25/00	10/12/00	01/17/01	04/19/01	07/26/01	10/18/01	02/07/02	04/17/02	07/18/02	10/10/02
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	31	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5										
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Iron (Total)	mg/l	--	0.15	0.12	0.03	0.12	0.03	0.09	<0.03	0.18	0.18	0.15
Iron (Dissolved)	mg/l	--	<0.03	0.06	<0.03	<0.03	<0.03	0.08	<0.03	0.03	<0.03	0.13
Manganese (Total)	mg/l	--	0.02	0.02	<0.01	0.02	0.25	0.01	0.03	0.06	0.89	0.58
Manganese (Dissolved)	mg/l	--	0.01	0.01	<0.01	0.02	0.24	0.01	0.03	0.05	0.87	0.58
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/03	04/16/03	07/16/03	10/15/03	01/22/04	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	0.18	0.14	0.08	0.48	0.47	0.14	0.15	0.1	0.57	0.14
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.08	< 0.02	< 0.05
Manganese (Total)	mg/l	--	0.04	0.02	0.03	0.06	0.05	0.03	0.04	0.132	0.19	0.01
Manganese (Dissolved)	mg/l	--	0.03	0.01	0.04	0.04	< 0.01	0.02	0.03	0.12	0.03	< 0.01
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾	07/13/05	10/04/05	01/17/06	04/11/06	07/19/06	10/10/06	01/16/07	04/03/07	07/17/07	10/17/07
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	0.17	0.19	0.12	0.09	< 0.05	0.17	< 0.05	< 0.05	0.05	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.06	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	0.44	0.2	0.04	0.11	0.17	0.91	0.17	0.09	0.65	1.14
Manganese (Dissolved)	mg/l	--	0.41	0.16	0.04	0.11	0.16	0.88	0.16	0.08	0.66	1.14
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0		< 2.0	< 2.0	< 2.0

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/08	04/15/08	07/16/08	10/14/08	01/13/09	04/14/09	07/08/09	10/13/09	01/12/10	04/13/10
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--							< 5.0	< 50.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	0.14	0.14	0.05	0.08	0.11	0.12	0.09	0.35	0.27	0.26
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	0.48	0.08	0.5	0.85	0.17	0.59	0.42	0.58	0.17	0.05
Manganese (Dissolved)	mg/l	--	0.5	0.07	0.48	0.87	0.18	0.6	0.42	0.58	0.14	0.02
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾	07/14/10	10/12/10	02/08/11	04/12/11	07/13/11	10/12/11	01/17/12	05/02/12	07/19/12	10/17/12
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	0.08	0.33	< 0.05	0.11	< 0.05	0.08	0.46	0.7	0.11	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	0.08	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	0.09	0.08	0.39	0.03	0.09	0.08	0.03	0.06	0.26	0.88
Manganese (Dissolved)	mg/l	--	0.09	0.07	0.4	0.02	0.08	0.08	< 0.01	0.03	0.26	0.84
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/13	04/17/13
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.00
1,1-Dichloroethane	ug/l	31	< 5.0	< 5.00
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.00
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.00
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.00
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.00
1,4-Dioxane	ug/l	--	< 5.0	< 5.00
Benzene	ug/l	5	< 5.0	< 5.00
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.00
Chlorobenzene	ug/l	100	< 5.0	< 5.00
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.00
Iron (Total)	mg/l	--	0.11	0.09
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05
Manganese (Total)	mg/l	--	0.14	0.02
Manganese (Dissolved)	mg/l	--	0.13	0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.00
Tetrachloroethene	ug/l	5	< 5.0	< 5.00
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.00
Trichloroethene	ug/l	5	< 5.0	< 5.00
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.00
Vinyl Chloride	ug/l	2	< 2.0	< 2.00

TABLE 2F
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-2

Footnotes

- (1) Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

Notes



Analyte was not analyzed on that date.

TABLE 2G
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-3

Parameter	Units	Cleanup Level ⁽¹⁾	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05	07/12/05	10/04/05	01/17/06	04/11/06	07/18/06
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	38.3	31.5	30.5	33.8	16.8	30.4	35.4	33.6	28.9	20.9
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5		< 5.0				< 5.0				< 5.0
1,4-Dichlorobenzene	ug/l	75		< 5.0				< 5.0				< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5		< 5.0				< 5.0				< 5.0
Chlorobenzene	ug/l	100		< 5.0				< 5.0				< 5.0
cis 1,2-Dichloroethene	ug/l	70	23.6	21.9	18.9	20.3	10.1	18	19.7	18.8	18.7	12.6
Iron (Total)	mg/l	--	31.6	14.4	18.3	44.7	16.3	27.3	37.1	40.1	28.4	17.4
Iron (Dissolved)	mg/l	--		14.5				26.8				16.5
Manganese (Total)	mg/l	--	0.14	0.07	0.084	0.1	0.05	0.11	0.1	0.09	0.1	0.07
Manganese (Dissolved)	mg/l	--		0.07				0.11				0.07
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	5	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	10.7	10.1	9.4	9.3	< 5.0	8.4	7.5	8.3	7.8	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	23.6	21.1	19.3	19	10.5	19.4	18.9	17	17.3	11
Trichloromethane (Chloroform)	ug/l	80										
Vinyl Chloride	ug/l	2	2.2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2G
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-3

Parameter	Units	Cleanup Level ⁽¹⁾	10/10/06	01/16/07	04/03/07	07/17/07	10/16/07	01/15/08	04/15/08	07/15/08	10/14/08	01/13/09
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	22.8	21	20.9	18.2	26.6	26	19.6	16.9	18.4	16.9
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5				< 5.0				< 5.0		
1,4-Dichlorobenzene	ug/l	75				< 5.0				< 5.0		
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5				< 5.0				< 5.0		
Chlorobenzene	ug/l	100				< 5.0				< 5.0		
cis 1,2-Dichloroethene	ug/l	70	18.2	17	14.6	13.4	17.8	16.2	12.4	12	12.6	11.4
Iron (Total)	mg/l	--	19.1	18.7	25.1	16.2	26.3	17.2	14.9	21.8	21.5	14.3
Iron (Dissolved)	mg/l	--				14.6				22.5		
Manganese (Total)	mg/l	--	0.09	0.1	0.1	0.09	0.13	0.14	0.11	0.16	0.14	0.14
Manganese (Dissolved)	mg/l	--				0.08				0.16		
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	6.6	7	6.5	5.4	7.2	6.8	5.2	< 5.0	5.2	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	18	15.4	14	12.4	17.2	15.9	12.9	12.2	12.1	10.5
Trichloromethane (Chloroform)	ug/l	80										
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2G
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-3

Parameter	Units	Cleanup Level ⁽¹⁾	04/14/09	07/07/09	10/13/09	01/12/10	04/13/10	07/13/10	10/12/10	02/09/11	04/12/11	07/12/11
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	19.6	16	17	20	16	19	16	14	16	16
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	12.2	9.7	11	12	9.2	11	10	8.1	9	8.8
Iron (Total)	mg/l	--	12.5	15.6	13.8	13.9	82.5	67.7	10.9	256	10.1	10.2
Iron (Dissolved)	mg/l	--		13.5				16.8				9.94
Manganese (Total)	mg/l	--	0.16	0.12	0.21	0.15	0.68	0.55	0.26	0.6	0.23	0.19
Manganese (Dissolved)	mg/l	--		0.12				0.32				0.17
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	5.3	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	12.1	9.2	10	11	8.8	11	10	9.5	9.4	9.5
Trichloromethane (Chloroform)	ug/l	80		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2G
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-3

Parameter	Units	Cleanup Level ⁽¹⁾	10/12/11	01/17/12	05/02/12	07/18/12	10/17/12	01/15/13	03/20/13
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
1,1-Dichloroethane	ug/l	31	14	13	15	16	11	10	11
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
1,4-Dioxane	ug/l	--							< 50
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
cis 1,2-Dichloroethene	ug/l	70	7.7	7.4	8.4	8.5	6.9	6.7	7
Iron (Total)	mg/l	--	9.78	9.26	8.7	9.76	10.5	8.5	9.25
Iron (Dissolved)	mg/l	--				10.2			
Manganese (Total)	mg/l	--	0.12	0.15	0.11	0.09	0.11	0.08	0.21
Manganese (Dissolved)	mg/l	--				0.09			
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	3.4
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
Trichloroethene	ug/l	5	8.2	8	9.2	8.1	7.6	6.5	7.1
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0

TABLE 2G
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-3

Footnotes

- (1) Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

Notes



Analyte was not analyzed on that date.

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/13/99	01/17/00	04/12/00	07/25/00
1,1,1-Trichloroethane	ug/l	200	8	9	9	6	6	5	5	<5	6	5
1,1-Dichloroethane	ug/l	31	21	25	20	20	22	18	19	13	20	15
1,1-Dichloroethene	ug/l	7	4	5	4	3	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	1	1	1	1						
1,2-Dichloropropane	ug/l	5	1	1	1	1	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	1	1	1	1	<5	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	1	1	1	1	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	1	1	1	1	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	41	59	65	43	50	36	32	12	38	37
cis 1,2-Dichloroethene	ug/l	70	6	9	8	6	8	7	7	6	8	7
Iron (Total)	mg/l	--	1.19	7.96	14.4	31.5	0.06	<0.05	0.1	0.03	0.11	0.25
Iron (Dissolved)	mg/l	--	0.33	0.32	0.82	0.57	<0.05	<0.05	0.09	<0.03	0.05	0.06
Manganese (Total)	mg/l	--	3.47	3.46	3.34	3.19	3.35	3.01	2.78	1.66	2.68	2.37
Manganese (Dissolved)	mg/l	--	3.31	3.36	3.23	3.04	3.32	2.97	2.67	1.63	2.64	2.35
Methylene Chloride	ug/l	5	<0.5	<0.5	<1	<0.5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	4	5	4	4	5	5	6	<5	7	5
trans 1,2-Dichloroethene	ug/l	100	<1	<1	<1	<1	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	13	18	15	12	14	12	12	9	12	12
Trichloromethane (Chloroform)	ug/l	80	1	2	1	1	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	1	1	<1	1	<2	<2	<2	<2	<2	<2

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

Parameter	Units	Cleanup Level ⁽¹⁾	10/11/00	04/18/01	07/25/01	10/17/01	02/06/02	04/17/02	07/18/02	10/31/02	01/15/03	04/16/03
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	31	16	20	15	15	12	9	14	9	12	15
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5									<5	<5
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	24	29	25	32	15	10	17	7	13	17
cis 1,2-Dichloroethene	ug/l	70	7	7	7	7	6	<5	6	<5	5	7
Iron (Total)	mg/l	--	0.06	<0.03	0.04	0.08	<0.03	<0.03	<0.03	<0.03	<0.03	<0.05
Iron (Dissolved)	mg/l	--	<0.03	<0.03	0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.05	<0.05
Manganese (Total)	mg/l	--	2.08	2.13	2.07	2.01	1.78	1.53	1.74	1.2	1.16	1.48
Manganese (Dissolved)	mg/l	--	2.04	2.11	2.08	1.92	1.61	1.51	1.74	1.21	1.15	1.48
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<5	7	7	<5	8	6	6	7	6	7
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	11	11	10	11	8	5	8	5	7	9
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

Parameter	Units	Cleanup Level ⁽¹⁾	07/16/03	10/16/03	01/21/04	04/14/04	07/13/04	10/12/04	01/11/05	04/12/05	07/13/05	10/04/05
1,1,1-Trichloroethane	ug/l	200	<5	<5	6	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	18	<5	15	< 5.0	< 5.0	11.6	7.4	9.6	10.7	12.6
1,1-Dichloroethene	ug/l	7	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	21	<5	26	< 5.0	< 5.0	28	12.4	21.8	25	23.5
cis 1,2-Dichloroethene	ug/l	70	8	<5	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	0.1	0.56	0.23	0.85	3.52	0.07	< 0.05	0.07	< 0.05	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.03	< 0.05	0.21	< 0.05
Manganese (Total)	mg/l	--	1.46	0.27	2.38	0.407	0.31	2.08	1.16	1.98	2.16	2.44
Manganese (Dissolved)	mg/l	--	1.43	0.19	2.37	0.26	< 0.01	2.02	1.13	1.95	2.53	2.57
Methylene Chloride	ug/l	5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	11	<5	13	< 5.0	< 5.0	10.6	7.5	9.9	10.6	10.4
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	<2	<2	<2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

Parameter	Units	Cleanup Level ⁽¹⁾	01/17/06	04/11/06	07/18/06	10/10/06	01/16/07	04/03/07	07/17/07	07/30/07	10/17/07	01/15/08
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	1.4	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	9.4	8.9	10.4	8.6	8.5	7.6	8	5.9	8.3	11.3
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	1.9	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	12.8	17.9	24.9	10.9	16.2	12.4	13	6	9.7	12
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	2.6	< 5.0	< 5.0
Iron (Total)	mg/l	--	< 0.05	0.11	< 0.05	0.1	0.52	0.43	0.1		0.13	1.02
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05		< 0.05	< 0.05
Manganese (Total)	mg/l	--	1.72	2.1	2.27	2.34	2.87	2.45	2.47		2.23	3.79
Manganese (Dissolved)	mg/l	--	1.78	2.04	2.28	2.25	2.57	1.75	2.42		2.16	2.23
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	8	9.3	11.2	9.3	9.7	8.3	9.5	6.9	10.2	8.5
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0		< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

Parameter	Units	Cleanup Level ⁽¹⁾	04/15/08	07/16/08	10/14/08	01/13/09	04/14/09	07/08/09	10/13/09	01/12/10	04/13/10	07/14/10
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	9.2	6.5	6.8	6.7	7.2	7.9	8.5	8.5	7	9.1
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--						< 5.0	< 50.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	15.4	< 5.0	6.3	7.5	7	8.8	6.7	< 5.0	< 5.0	6.8
cis 1,2-Dichloroethene	ug/l	70	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--	0.1	0.47	0.09	0.25	< 0.05	< 0.05	< 0.05	< 0.05	0.39	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	2.35	2.28	1.8	2.16	1.38	1.5	2.02	1.63	1.18	1.29
Manganese (Dissolved)	mg/l	--	2.19	1.55	1.64	1.6	1.38	1.5	1.93	1.63	1.06	1.28
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	10.4	5.9	6.6	8.1	8.3	7.9	9.7	8.7	7.5	8.6
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0		< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

Parameter	Units	Cleanup Level ⁽¹⁾	08/04/10	10/12/10	02/08/11	04/12/11	07/13/11	10/12/11	01/17/12	05/02/12	07/19/12	10/17/12
1,1,1-Trichloroethane	ug/l	200	2.3	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	9.1	7.6	5.5	7.9	9	11	7.7	9.5	7.8	7.9
1,1-Dichloroethene	ug/l	7	2.8	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--	< 50	11	< 5.0	12	< 5.0	< 5.0	< 5.0	13	< 5.0	< 5.0
Benzene	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	7.9	14	< 5.0	< 5.0	< 5.0	16	8.9	9.6	9.6	9
cis 1,2-Dichloroethene	ug/l	70	4	< 5.0	< 5.0	< 5.0	< 5.0	5.1	< 5.0	< 5.0	< 5.0	< 5.0
Iron (Total)	mg/l	--		< 0.05	0.34	0.08	< 0.05	0.29	< 0.05	< 0.05	0.1	< 0.05
Iron (Dissolved)	mg/l	--		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--		1.7	1.88	1.72	1.57	2.76	2.22	1.88	1.95	1.83
Manganese (Dissolved)	mg/l	--		1.88	1.31	1.78	1.65	2.24	2.23	1.91	1.9	1.79
Methylene Chloride	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	1.3	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	8.9	9.3	7.1	9	9.1	12	9.7	10	9.1	9.8
Trichloromethane (Chloroform)	ug/l	80		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/13	03/20/13
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 1.0
1,1-Dichloroethane	ug/l	31	7.9	8.3
1,1-Dichloroethene	ug/l	7	< 5.0	2.5
1,2-Dichloroethane	ug/l	5	< 5.0	< 1.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 1.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 1.0
1,4-Dioxane	ug/l	--	< 5.0	< 50
Benzene	ug/l	5	< 5.0	< 1.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 1.0
Chlorobenzene	ug/l	100	5.8	6
cis 1,2-Dichloroethene	ug/l	70	< 5.0	4.5
Iron (Total)	mg/l	--	< 0.05	0.08
Iron (Dissolved)	mg/l	--	< 0.05	
Manganese (Total)	mg/l	--	1.45	1.54
Manganese (Dissolved)	mg/l	--	1.48	
Methylene Chloride	ug/l	5	< 5.0	< 1.0
Tetrachloroethene	ug/l	5	< 5.0	1.6
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 1.0
Trichloroethene	ug/l	5	8.9	9.2
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 1.0
Vinyl Chloride	ug/l	2	< 2.0	< 1.0

TABLE 2H
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

MW-9

Footnotes

- (1) Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.

Analyte was not analyzed on that date.

TABLE 2I
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/98	04/16/98	07/15/98	10/08/98	01/13/99	04/29/99	07/14/99	10/14/99	01/19/00	04/12/00
1,1,1-Trichloroethane	ug/l	200	3	3	4	4	3	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	31	15	14	18	15	15	20	15	14	15	12
1,1-Dichloroethene	ug/l	7	1	1	1	1	1	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5	1	1	1	<1	1					
1,2-Dichloropropane	ug/l	5	1	1	2	1	1	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<1	<1	<1	<1	<1	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<1	<1	<1	<1	<1	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<1	<1	<1	<1	<1	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<1	<1	<1	<1	<1	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	14	15	21	18	14	19	15	14	14	12
Iron (Total)	mg/l	--	0	1	1	0	<0	0	0	0	0	0
Iron (Dissolved)	mg/l	--	<0	<0	<0	0	<0	0	<0	<0	<0	0
Manganese (Total)	mg/l	--	<0	<0	0	<0	<0	0	<0	<0	<0	<0
Manganese (Dissolved)	mg/l	--	<0	<0	<0	<0	<0	<0	<0	<0	<0	<0
Methylene Chloride	ug/l	5	1	2	<1	<1	<1	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	3	3	4	3	3	<5	<5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<1	<1	<1	<1	<1	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	7	7	9	7	7	10	8	7	7	6
Trichloromethane (Chloroform)	ug/l	80	<1	<1	<1	<1	<1	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	1	1	<1	<1	<1	<2	<2	<2	<2	<2

TABLE 2I
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup Level ⁽¹⁾	07/25/00	10/12/00	01/17/01	04/18/01	07/26/01	10/17/01	02/06/02	04/17/02	07/17/02	10/09/02
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,1-Dichloroethane	ug/l	31	11	11	12	9	11	13	10	9	9	9
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,2-Dichloroethane	ug/l	5										
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
cis 1,2-Dichloroethene	ug/l	70	14	12	13	11	11	14	11	9	9	9
Iron (Total)	mg/l	--	<0	0	<0	0	0	0	<0	0	0	<0
Iron (Dissolved)	mg/l	--	<0	<0	<0	0	<0	<0	<0	<0	<0	<0
Manganese (Total)	mg/l	--	<0	<0	<0	<0	<0	0	<0	<0	<0	<0
Manganese (Dissolved)	mg/l	--	<0	<0	<0	<0	<0	<0	<0	<0	<0	<0
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Tetrachloroethene	ug/l	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Trichloroethene	ug/l	5	8	6	7	6	6	8	5	<5	<5	5
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2

TABLE 2I
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup Level ⁽¹⁾	01/15/03	04/16/03	07/15/03	10/15/03	01/21/04	04/15/04	07/13/04	10/12/04	01/12/05	04/13/05
1,1,1-Trichloroethane	ug/l	200	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	11	11	15	15	14	16	13.6	11.9	13.7	14.5
1,1-Dichloroethene	ug/l	7	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	12	11	14	14	13	15.7	14	12.1	14.1	15.2
Iron (Total)	mg/l	--	< 0.05	< 0.05	< 0.05	0.13	0.06	< 0.05	0.07	0.07	< 0.05	0.06
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.02	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.010	< 0.01	0.011	< 0.01	< 0.01
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	6	7	6	8	8	8.9	7.2	5.7	7.8	7.3
Trichloromethane (Chloroform)	ug/l	80	<5	<5	<5	<5	<5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	<2	<2	<2	<2	<2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2I
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup Level ⁽¹⁾	07/13/05	10/05/05	01/18/06	04/12/06	07/19/06	10/11/06	01/17/07	04/04/07	07/18/07	07/30/07
1,1,1-Trichloroethane	ug/l	200	1.9	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	12.2	11.2	11.9	10.7	10.1	10.4	9.3	10.9	7.1	7.7
1,1-Dichloroethene	ug/l	7	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--										
Benzene	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	12.3	14.7	11	10.8	10.5	10.3	10.6	10.7	< 5.0	8.5
Iron (Total)	mg/l	--	0.08	0.1	< 0.05	< 0.05	0.07	0.06	0.06	< 0.05	0.09	
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01	
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	3.5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	6.2	6.8	5.1	5.1	5	5.1	< 5.0	< 5.0	< 5.0	5.1
Trichloromethane (Chloroform)	ug/l	80	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2I
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup Level ⁽¹⁾	10/17/07	01/16/08	04/16/08	07/16/08	10/15/08	01/14/09	04/15/09	07/08/09	10/13/09	01/13/10
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	8.5	9	7.8	6.5	7.7	8	8.3	7.2	7.6	7.3
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--								< 5.0	< 50.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	8.9	9	8.1	7.8	7.4	8.6	9.4	7.7	8.6	7.6
Iron (Total)	mg/l	--	0.08	< 0.05	< 0.05	< 0.05	< 0.05	0.06	0.08	< 0.05	0.4	1.07
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	< 0.01	0.01	0.02	0.02	< 0.01	0.01	0.03	< 0.01	0.03	0.05
Manganese (Dissolved)	mg/l	--	< 0.01	0.01	0.02	0.01	< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2I
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup Level ⁽¹⁾	04/14/10	07/14/10	08/04/10	10/12/10	02/09/11	04/13/11	07/13/11	10/13/11	01/18/12	05/03/12
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,1-Dichloroethane	ug/l	31	8.7	9.8	9.9	10	9.2	11	14	13	9.9	13
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
1,4-Dioxane	ug/l	--	< 5.0	< 5.0	< 50	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Benzene	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
cis 1,2-Dichloroethene	ug/l	70	9.8	11	10	11	11	11	12	12	9.4	13
Iron (Total)	mg/l	--	0.72	0.12		0.08	< 0.05	0.1	0.1	0.05	< 0.05	< 0.05
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Manganese (Total)	mg/l	--	0.07	< 0.01		< 0.01	0.01	0.02	0.02	0.04	0.05	0.06
Manganese (Dissolved)	mg/l	--	< 0.01	< 0.01		< 0.01	< 0.01	0.01	0.01	0.03	0.04	0.06
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 1.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloroethene	ug/l	5	< 5.0	< 5.0	2	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 1.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0

TABLE 2I
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Parameter	Units	Cleanup Level ⁽¹⁾	07/19/12	10/18/12	01/15/13	03/20/13	04/16/13
1,1,1-Trichloroethane	ug/l	200	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
1,1-Dichloroethane	ug/l	31	9.9	9.2	7.9	8.3	8.96
1,1-Dichloroethene	ug/l	7	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
1,2-Dichloroethane	ug/l	5	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
1,2-Dichloropropane	ug/l	5	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
1,4-Dichlorobenzene	ug/l	75	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
1,4-Dioxane	ug/l	--	< 5.0	< 5.0	< 5.0	< 50	< 50.0
Benzene	ug/l	5	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
Carbon Tetrachloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
Chlorobenzene	ug/l	100	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
cis 1,2-Dichloroethene	ug/l	70	11	9.5	10	10	10.8
Iron (Total)	mg/l	--	0.05	< 0.05	< 0.05	2.08	0.1
Iron (Dissolved)	mg/l	--	< 0.05	< 0.05	< 0.05		< 0.05
Manganese (Total)	mg/l	--	0.02	< 0.01	0.01	0.11	< 0.01
Manganese (Dissolved)	mg/l	--	0.02	< 0.01	0.01		< 0.01
Methylene Chloride	ug/l	5	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
Tetrachloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	2	1.96
trans 1,2-Dichloroethene	ug/l	100	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
Trichloroethene	ug/l	5	< 5.0	< 5.0	< 5.0	3.3	3.44
Trichloromethane (Chloroform)	ug/l	80	< 5.0	< 5.0	< 5.0	< 1.0	< 1.00
Vinyl Chloride	ug/l	2	< 2.0	< 2.0	< 2.0	< 1.0	< 1.00

TABLE 2I
ABATEMENT MONITORING WELL SUMMARY
CHRIN BROTHERS SANITARY LANDFILL

PZ-3

Footnotes

- (1) Clean-up standards established by the Abatement Plan, the U.S. EPA Record of Decision, and subsequent U.S. EPA Explanation of Significant Differences.

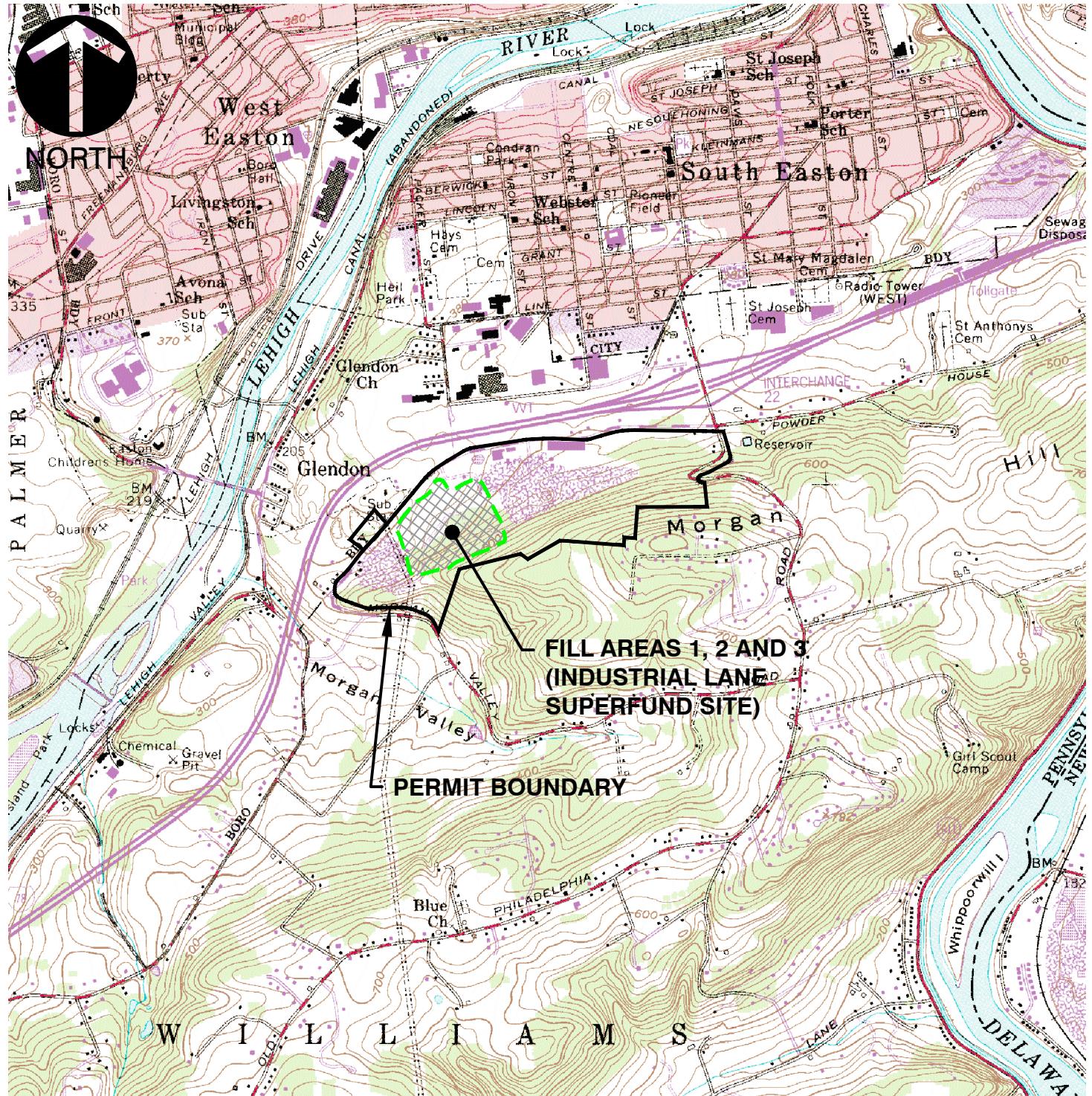
Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.

Analyte was not analyzed on that date.



FIGURES



REFERENCE

- U.S.G.S. 7.5' TOPOGRAPHIC MAP, EASTON QUADRANGLE, NJ-PA DATED: 1956, PHOTOREVISED: 1994.

SCALE IN FEET

0 2000 4000
* HAND SIGNATURE ON FILE



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CHRIN BROTHERS, INC.
SANITARY LANDFILL
WILLIAMS TOWNSHIP,
NORTHAMPTON COUNTY, PENNSYLVANIA

U.S.G.S. SITE LOCATION MAP

DRAWN BY:

RJP

CHECKED BY:

TEA

APPROVED BY:

*RCD

FIGURE NO.:

DATE:

NOV. 27, 2012

DWG SCALE:

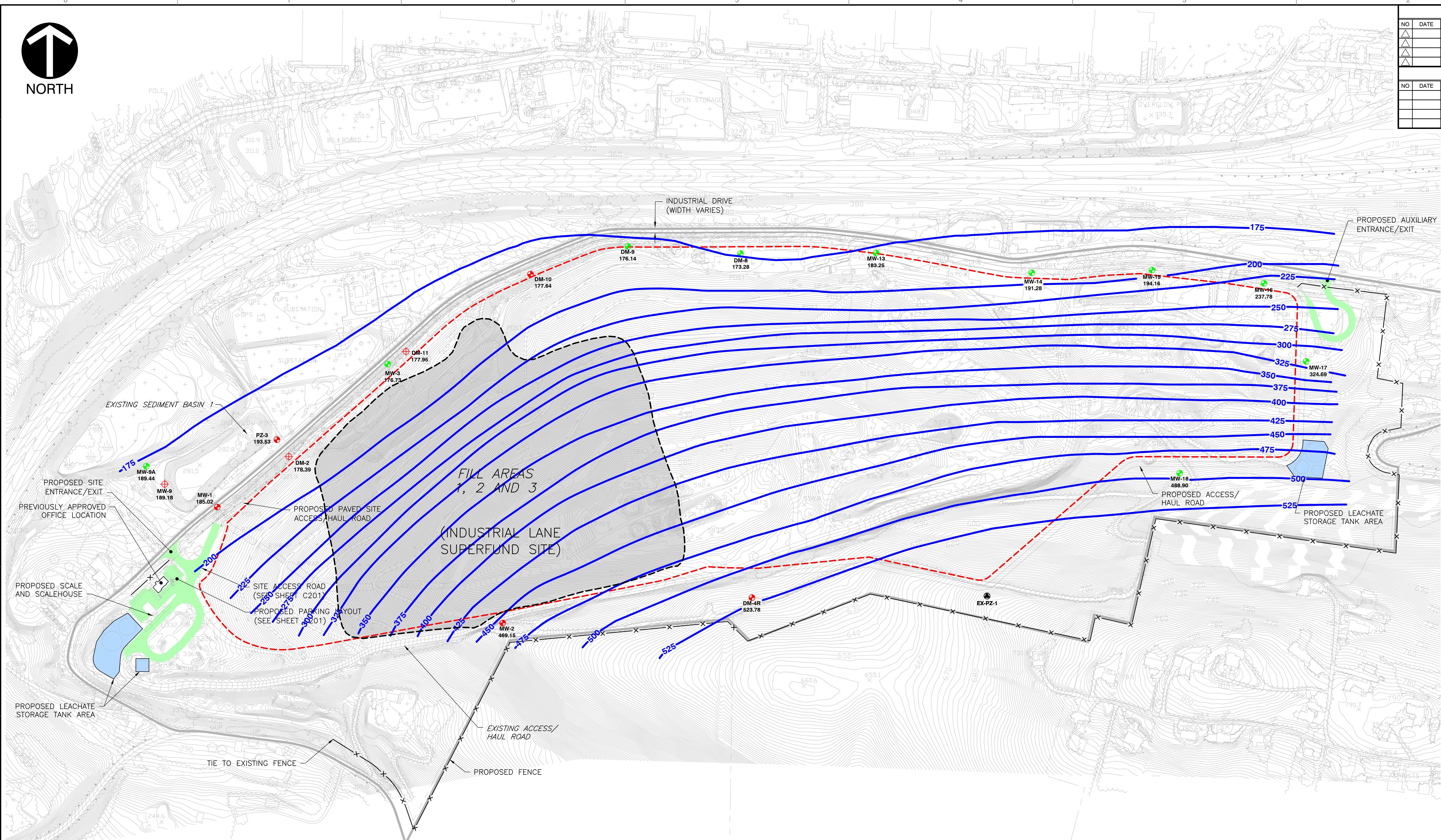
1"=2,000'

PROJECT NO.:

122-031



NORTH



REVISION RECORD

DESCRIPTION

DATE

SUBMITTAL RECORD

DESCRIPTION

DATE

LEGEND

350	EXISTING TOPOGRAPHIC CONTOURS
565.2	EXISTING SPOT ELEVATION
-	EXISTING PAVED ROADWAY
- - -	EXISTING UNPAVED DRIVE/TRAIL
- - - -	EXISTING GUIDE RAIL
○	EXISTING BUILDING
—	EXISTING TREE LINE, TREE
— - -	EXISTING FENCE
— - - -	EXISTING WATER
— - - - -	EXISTING UTILITY POLE
— - - - - -	EXISTING STORM CATCH BASIN
— - - - - - -	EXISTING UTILITY EASEMENT
— X — X	PROPOSED FENCE
— — — — —	EXISTING PAVED ROADWAY
— ■ — ■ — ■	PROPOSED SITE STORAGE TANKS
— ■ — ■ — ■	PROPOSED SITE ACCESS DRIVE
— ■ — ■ — ■	PROPOSED LEACHATE STORAGE TANK AREA
- - - - -	LIMIT OF WASTE PLACEMENT
- - - - -	PERMIT BOUNDARY
— 400 —	GROUNDWATER CONTOURS
■ N-8 177.62	NON-ABATEMENT ZONE GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
● DM-10 177.84	ABATEMENT ZONE GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
● DM-11 177.95	ABATEMENT ZONE PUMPING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
● EX-PZ-1	PROPOSED EXPLORATORY PIEZOMETER FOR GROUNDWATER ELEVATION MEASUREMENTS ONLY

GENERAL NOTES

1. THE WATER LEVELS PRESENTED HEREIN ARE APPLICABLE TO THE LOCATION AND TIME OF MEASUREMENT. WATER LEVELS MAY FLUCTUATE THROUGH TIME.
2. POTENIOMETRIC CONTOURS GENERATED FROM THIS DATA ARE CONSTRUCTED BY INTERPOLATION BETWEEN POINTS OF KNOWN STATIC WATER LEVEL ELEVATIONS AND USING KNOWLEDGE OF SPECIFIC SITE CONDITIONS. ACTUAL STATIC WATER LEVELS AT LOCATIONS BETWEEN THE MONITORING POINTS MAY DIFFER FROM THOSE DEPICTED.

SCALE IN FEET

0 200 400

* HAND SIGNATURE ON FILE



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NORTHAMPTON COUNTY, PENNSYLVANIA


DRAWN BY: RJP CHECKED BY: TEA APPROVED BY: *RCD

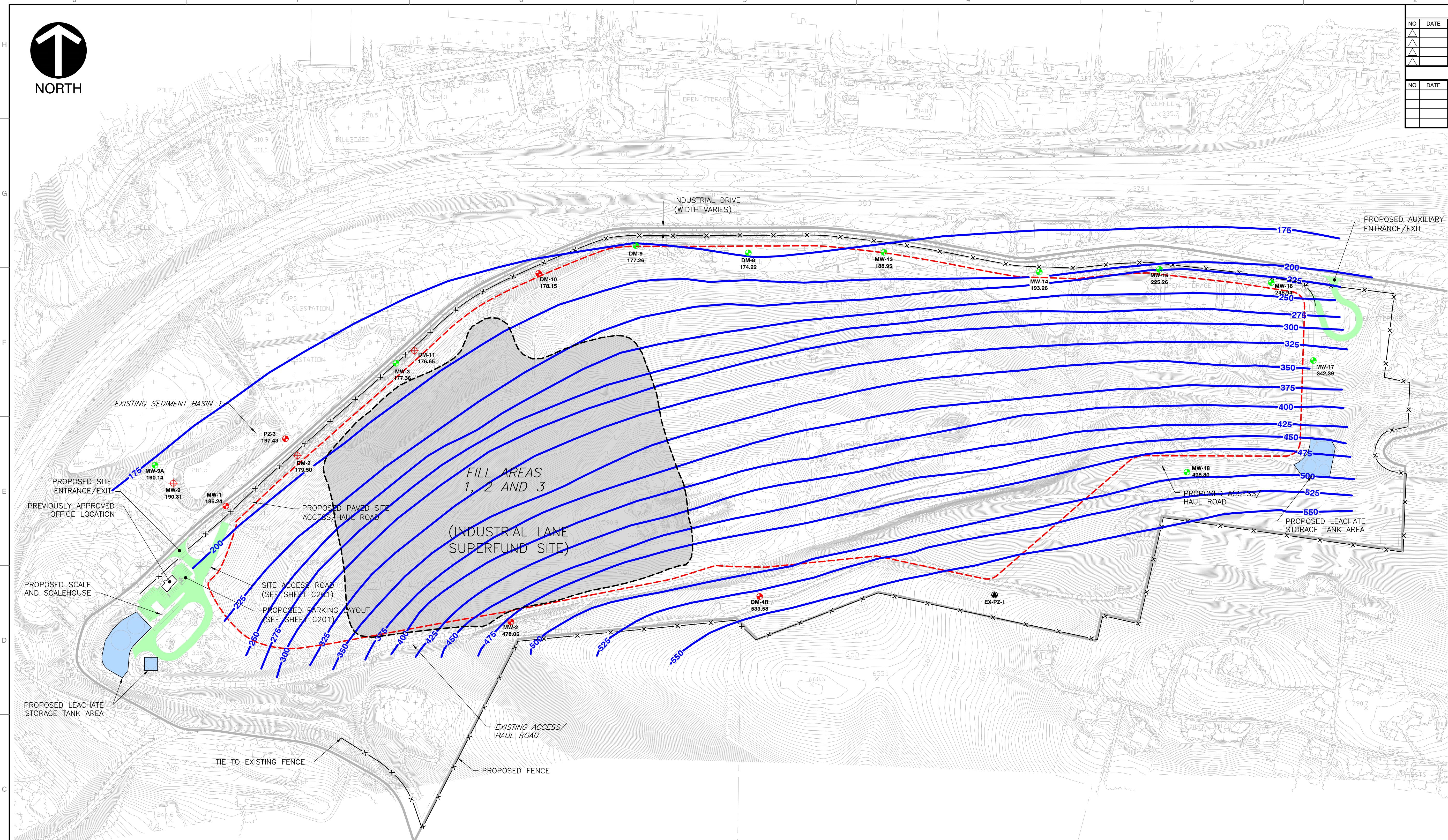
DATE: OCT. 4, 2012 DWG SCALE: 1" = 200' PROJECT NO: 122-031

POTENIOMETRIC CONTOUR MAP
LOW WATER CONDITIONS
OCTOBER 16, 2012

FIGURE NO.: 2



NORTH



END

350	EXISTING TOPOGRAPHIC CONTOURS
565.2 x	EXISTING SPOT ELEVATION
=====	EXISTING PAVED ROADWAY
====	EXISTING UNPAVED DRIVE/TRAIL
○ ○ ○	EXISTING GUIDE RAIL
	EXISTING BUILDING
~~~~~ ♀	EXISTING TREE LINE, TREE
:-----x-----x-----	EXISTING FENCE
-----·-----	EXISTING WATER
-○-	EXISTING UTILITY POLE
■■■	EXISTING STORM CATCH BASIN
-----	EXISTING UTILITY EASEMENT
-----x-----x-----	PROPOSED FENCE
=====	EXISTING PAVED ROADWAY
	PROPOSED SITE STORAGE TANKS
	PROPOSED SITE ACCESS DRIVE
	PROPOSED LEACHATE STORAGE TANK AREA
-----	LIMIT OF WASTE PLACEMENT
-----	PERMIT BOUNDARY
<b>400</b>	GROUNDWATER CONTOURS
 <b>N-8</b> <b>184.02</b>	NON-ABATEMENT ZONE GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
 <b>DM-10</b> <b>178.15</b>	ABATEMENT ZONE GROUNDWATER MONITORING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
 <b>DM-11</b> <b>176.65</b>	ABATEMENT ZONE PUMPING WELL WITH GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
 <b>EX-PZ-1</b>	PROPOSED EXPLORATORY PIEZOMETER FOR GROUNDWATER ELEVATION MEASUREMENTS ONLY

## **GENERAL NOTES**

- 1. THE WATER LEVELS PRESENTED HEREIN ARE APPLICABLE TO THE LOCATION AND TIME OF MEASUREMENT. WATER LEVELS MAY FLUCTUATE THROUGH TIME.
  2. POTENIOMETRIC CONTOURS GENERATED FROM THIS DATA ARE CONSTRUCTED BY INTERPOLATION BETWEEN POINTS OF KNOWN STATIC WATER LEVEL ELEVATIONS AND USING KNOWLEDGE OF SPECIFIC SITE CONDITIONS. ACTUAL STATIC WATER LEVELS AT LOCATIONS BETWEEN THE MONITORING POINTS MAY DIFFER FROM THOSE DEPICTED.

SCALE IN FEET

0      200      400      * HAND SIGNATURE ON FILE

A scale bar at the top of the page shows distances of 0, 200, and 400 feet. To the right of the scale bar is a handwritten note: "* HAND SIGNATURE ON FILE".

The logo for CEC Civil & Environmental Consultants, Inc. It features a stylized, blocky letter 'C' composed of several thick, slanted bars. To the right of the 'C' is a smaller, more traditional-style 'E'.

# **CHRIN BROTHERS, INC. SANITARY LANDFILL WILLIAMS TOWNSHIP,**

The logo for Charles Chrin Companies features a dark brown circular background with a stylized sunburst or flame-like pattern in the center. The word "CHARLES" is written in a serif font at the top, and "CHRIN" is written in large, bold, serif letters below it, partially overlapping the sunburst. A small, dark silhouette of a person working on a construction site is positioned in the center of the sunburst. Below the circle, the words "COMPANIES" and "EASTON, PA." are written in a large, bold, serif font. At the very bottom, the words "CHRIN BROTHERS, INC." are written in a bold, sans-serif font.

## **REFERENCE**

---

- A

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  1. TOPOGRAPHY PREPARED BY LAND & MAPPING SERVICES  
COMPILED BY STEREOPHOTOGRAMMETRIC METHODS,  
UPDATED DECEMBER 6, 2012

RJP	CHECKED BY:	TEA	APPROVED BY:	*RCD
OCT. 4, 2012	DWG SCALE:	1" = 200'	PROJECT NO.:	122-031
<b>POTENTIOMETRIC CONTOUR MAP HIGH WATER CONDITIONS APRIL 30 - MAY 1, 2012</b>			FIGURE NO.:	A <b>3</b>

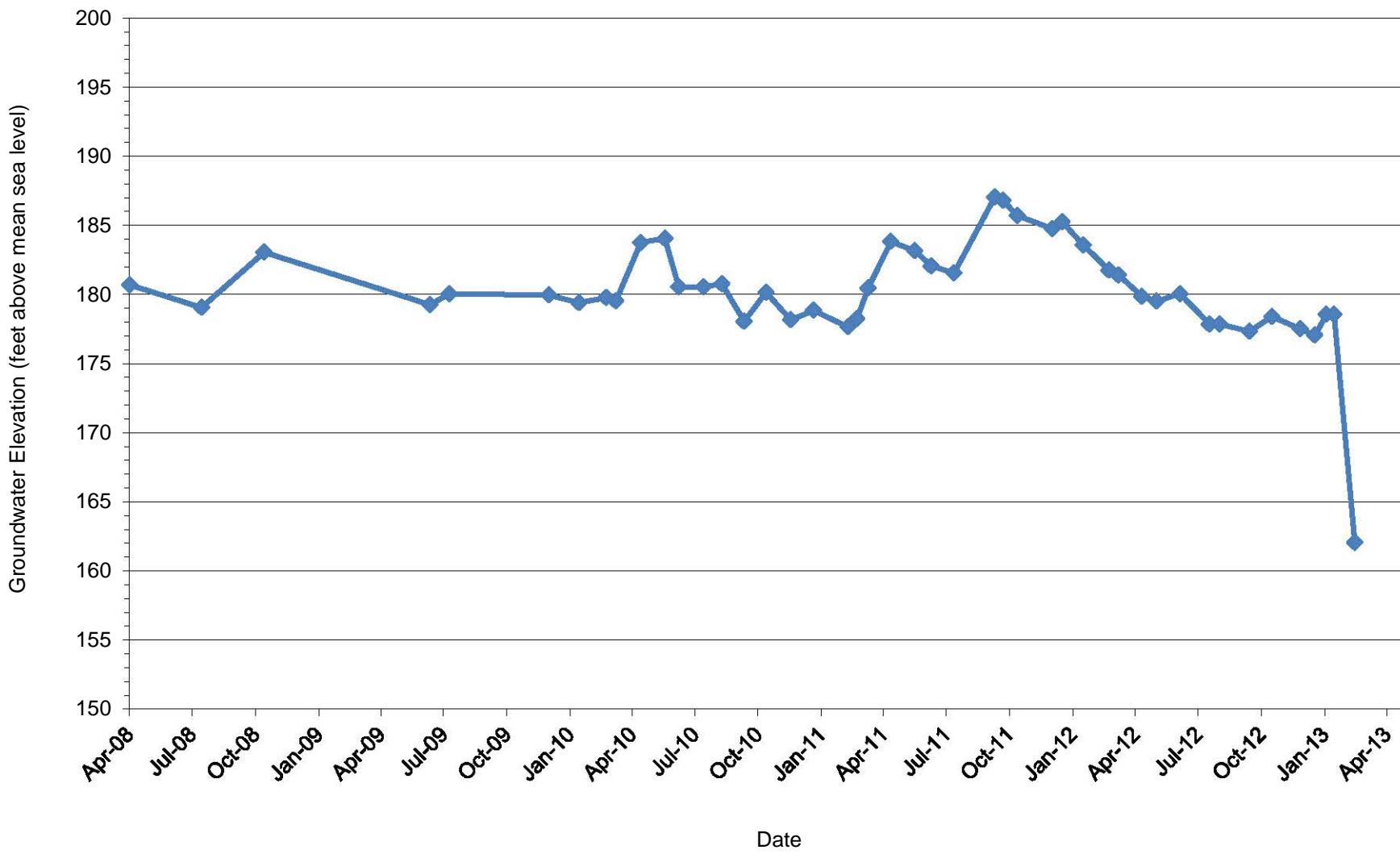


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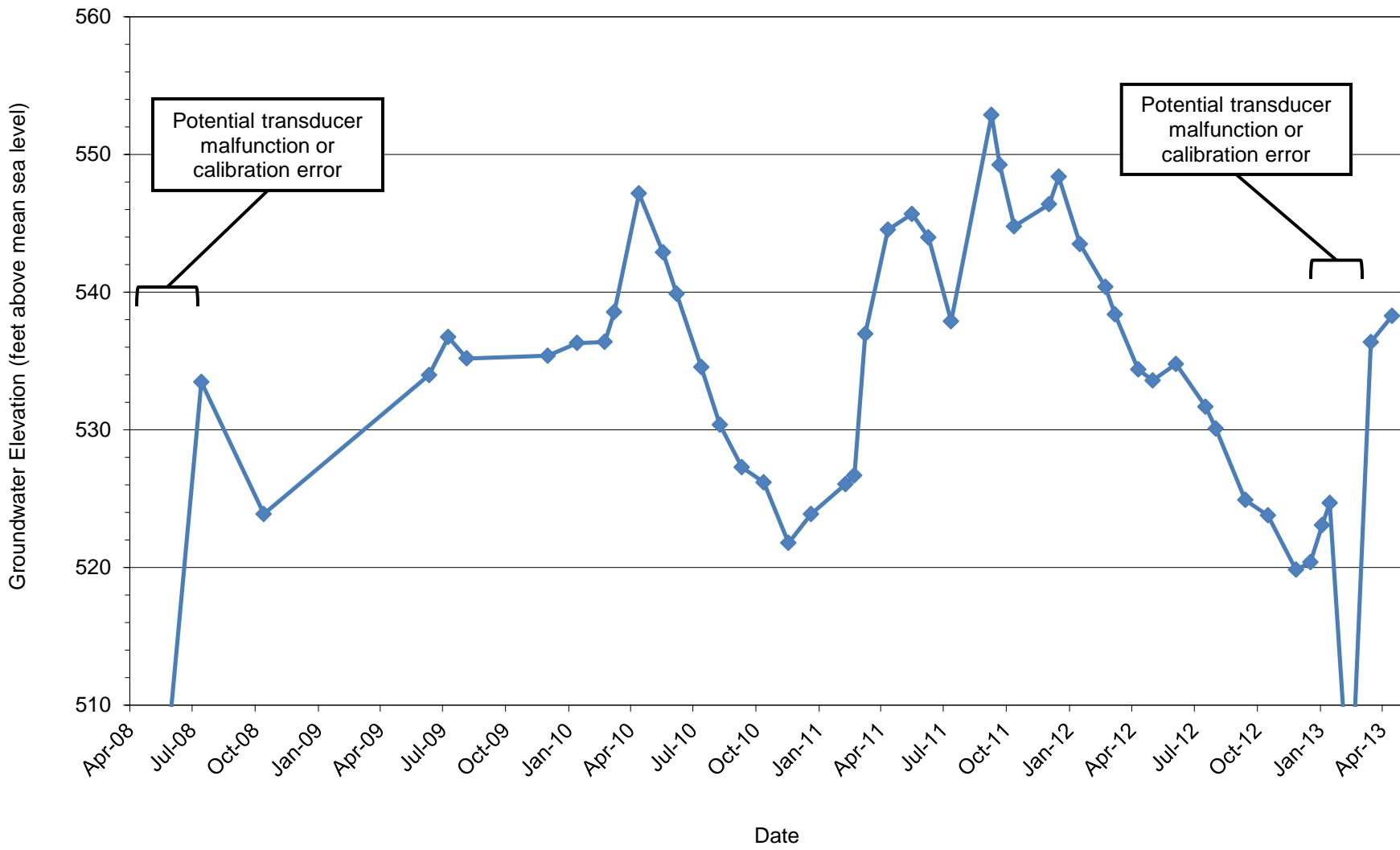
**APPENDIX A**  
**HYDROGRAPHS**

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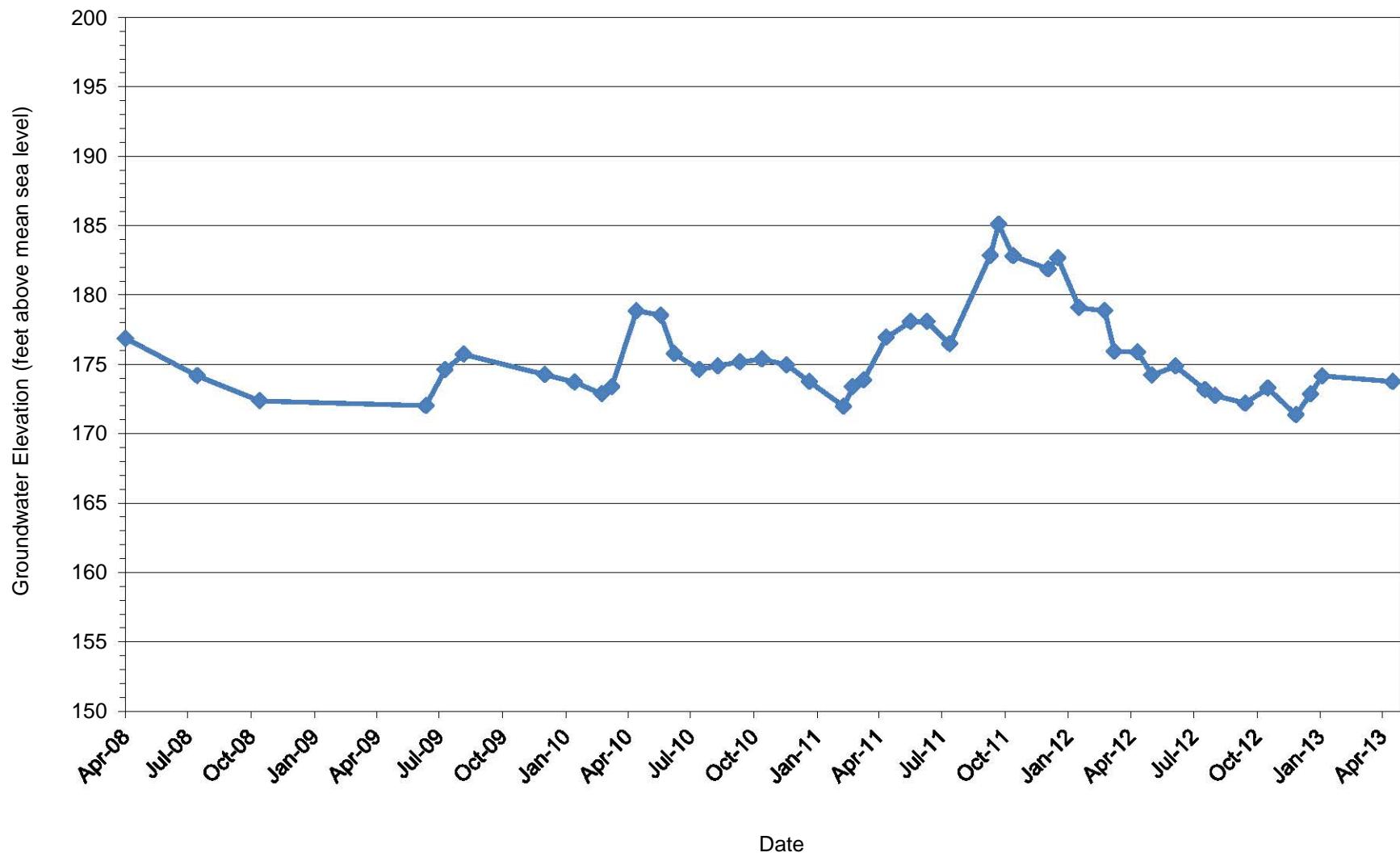
### DM-2 Hydrograph



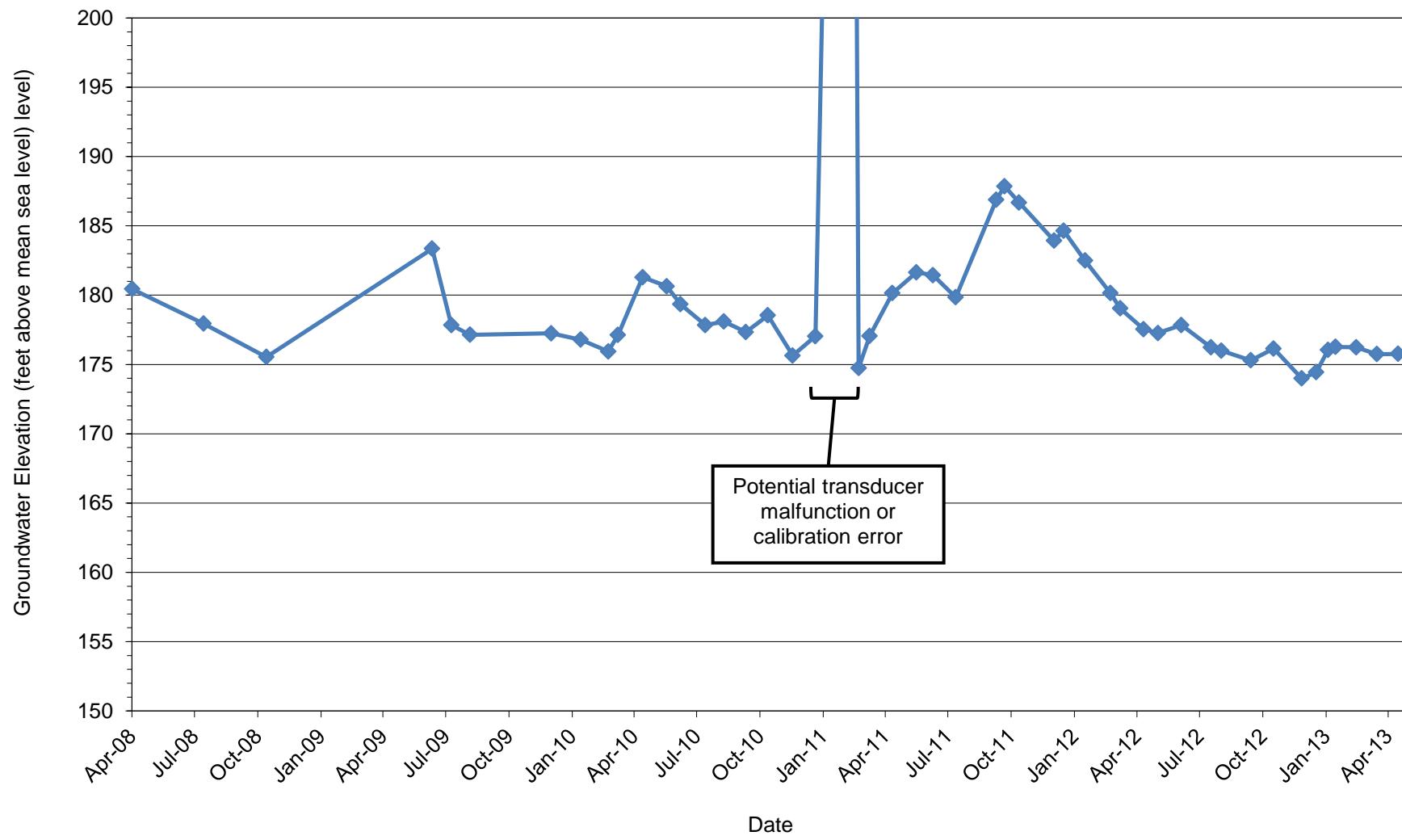
## DM-4R Hydrograph



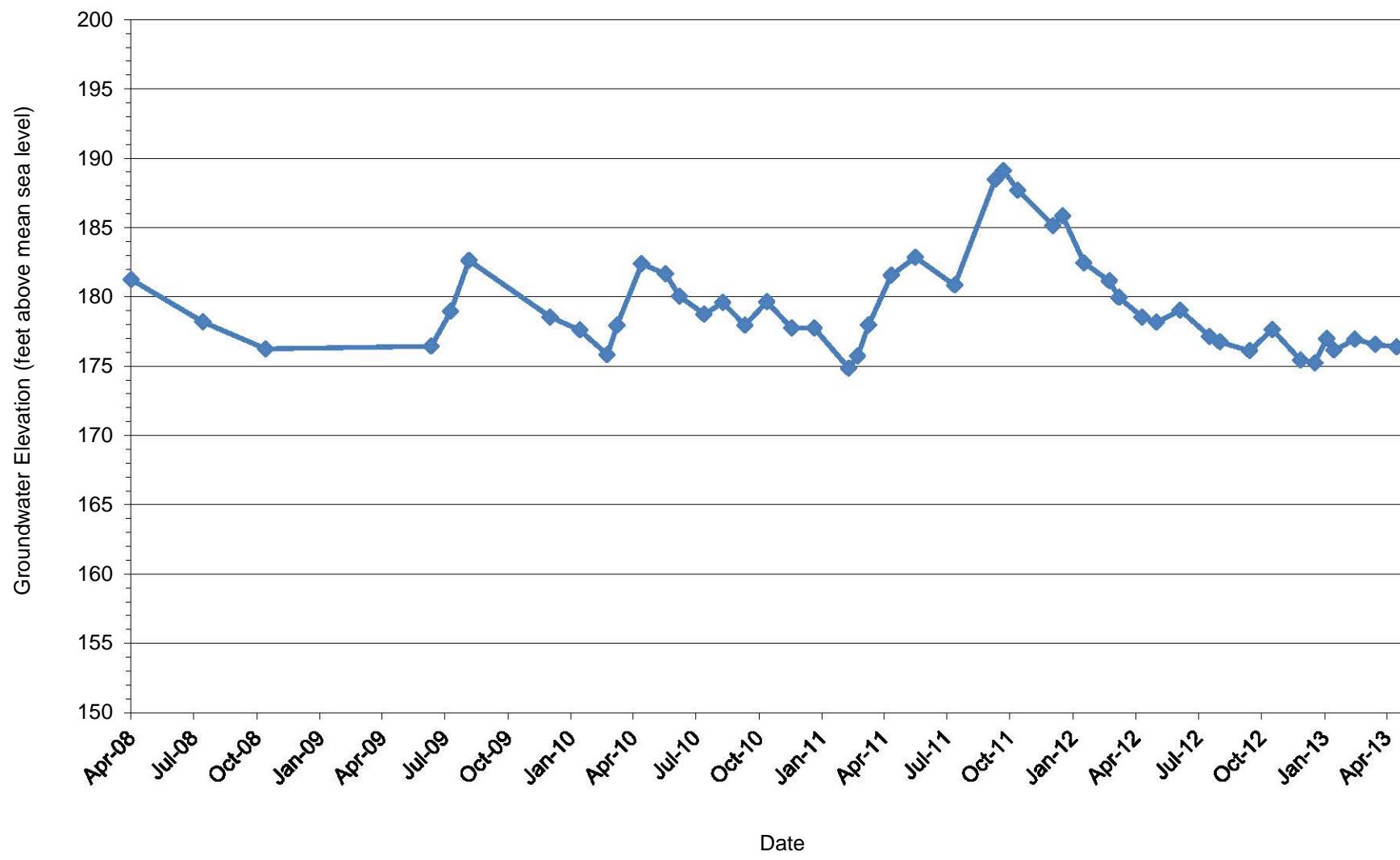
### DM-8 Hydrograph



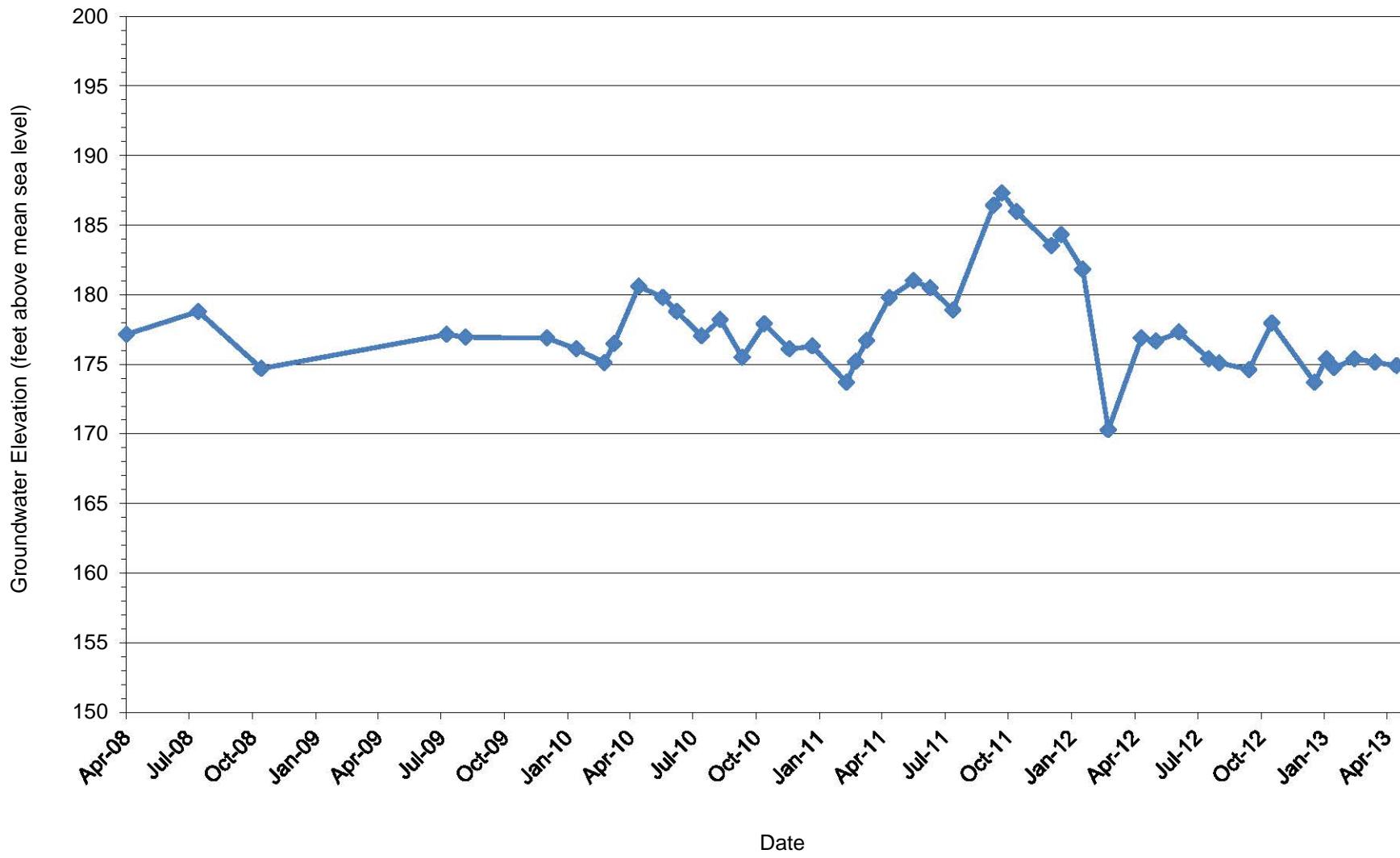
### DM-9 Hydrograph



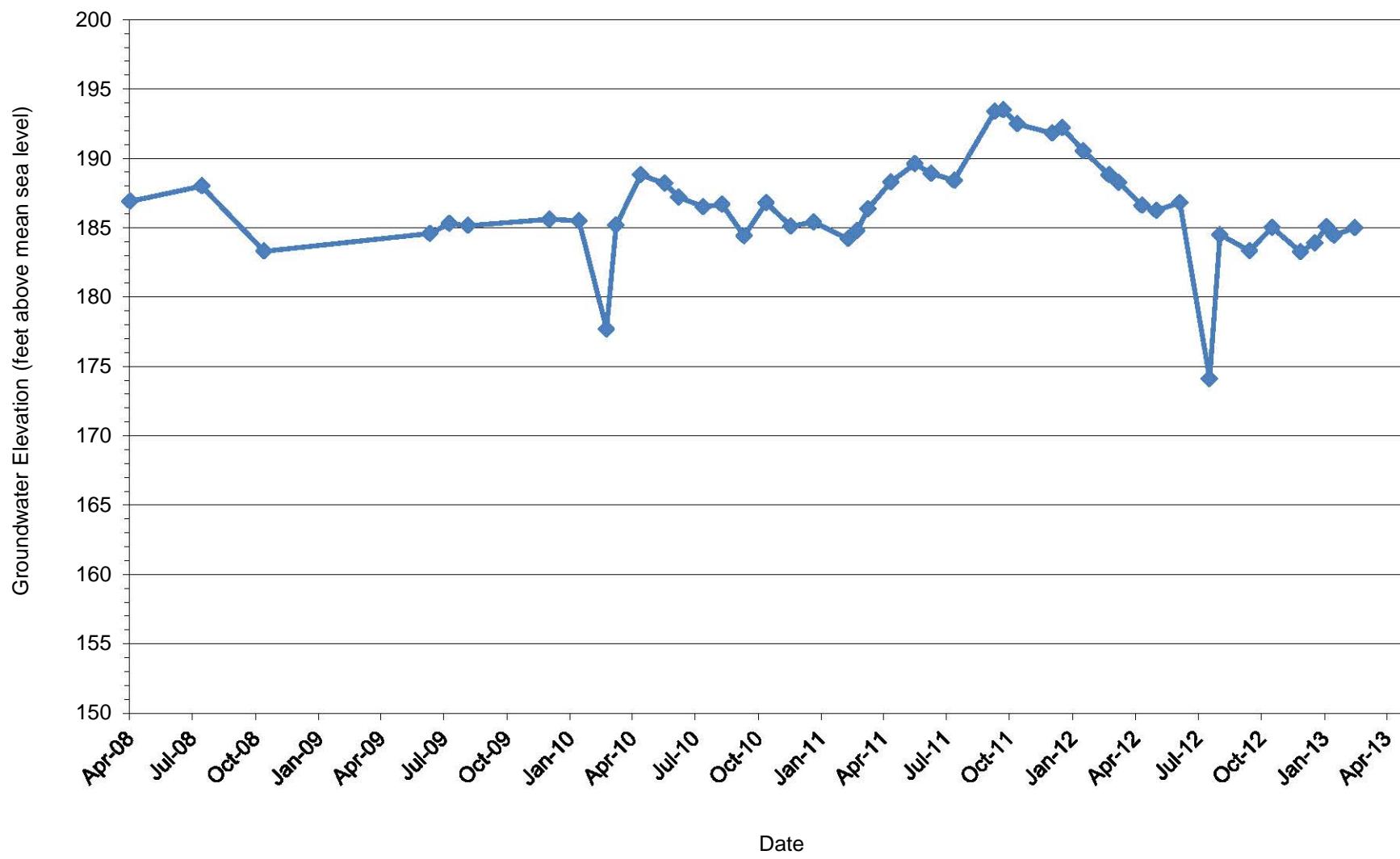
### DM-10 Hydrograph



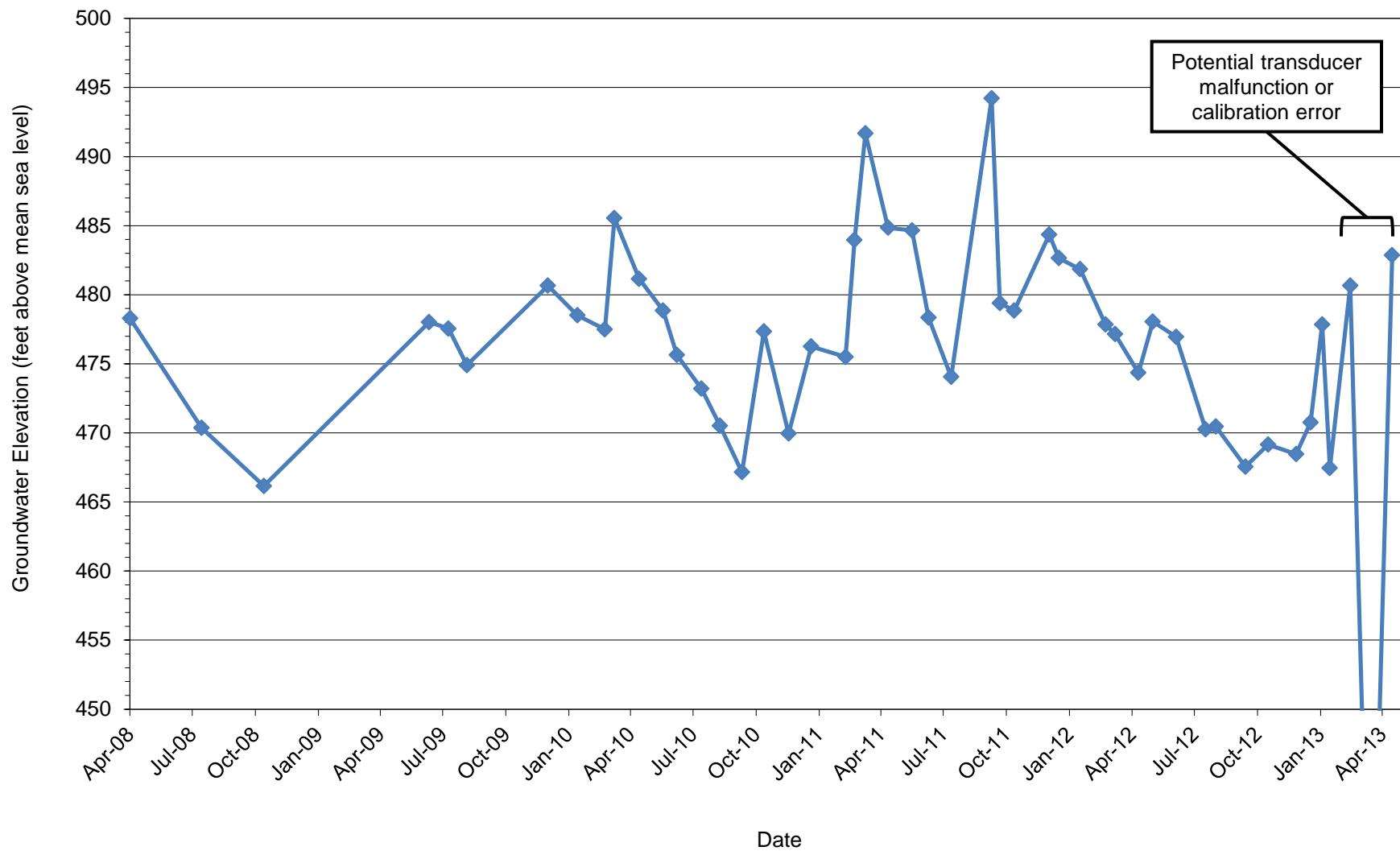
### DM-11 Hydrograph



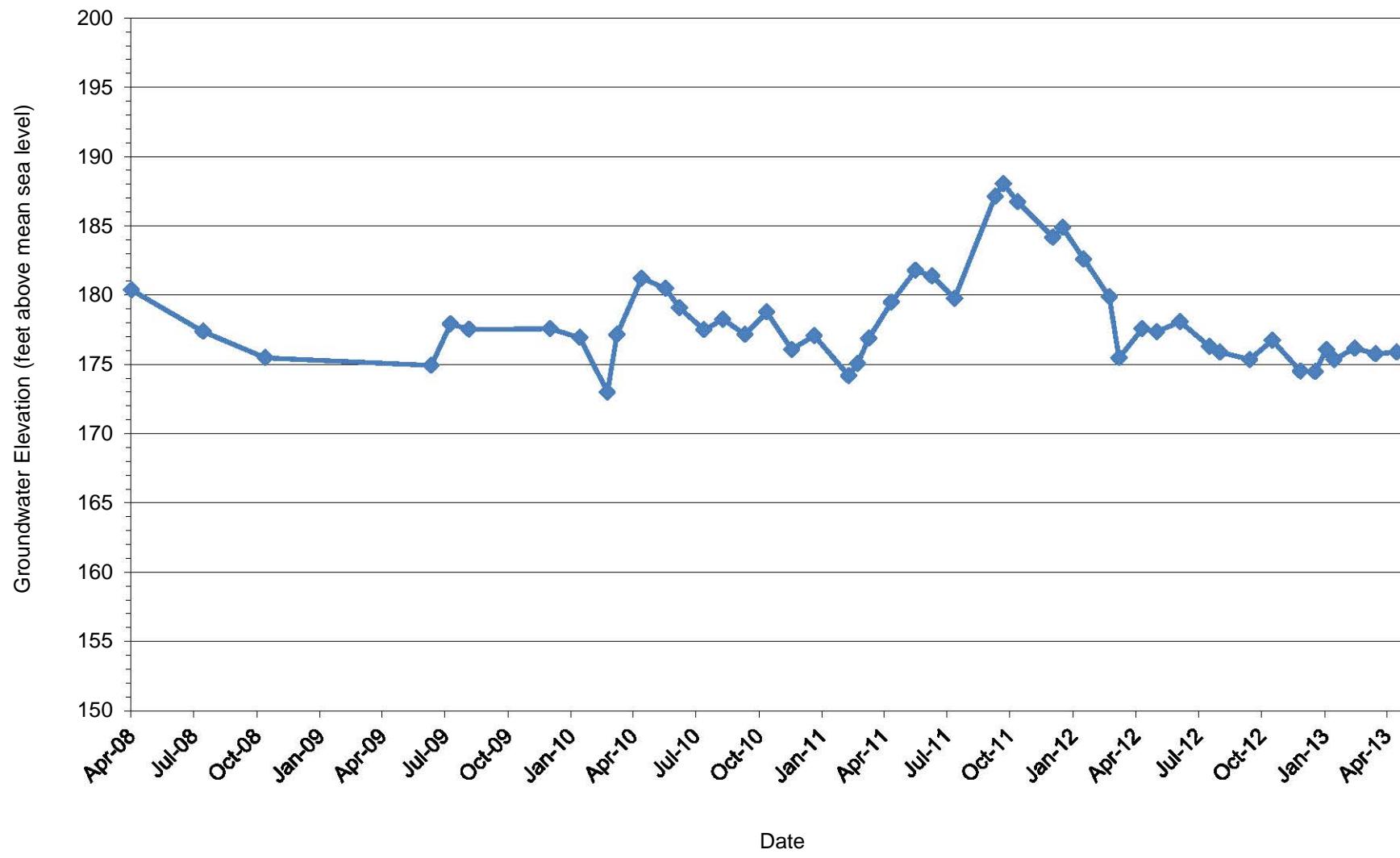
### MW-1 Hydrograph



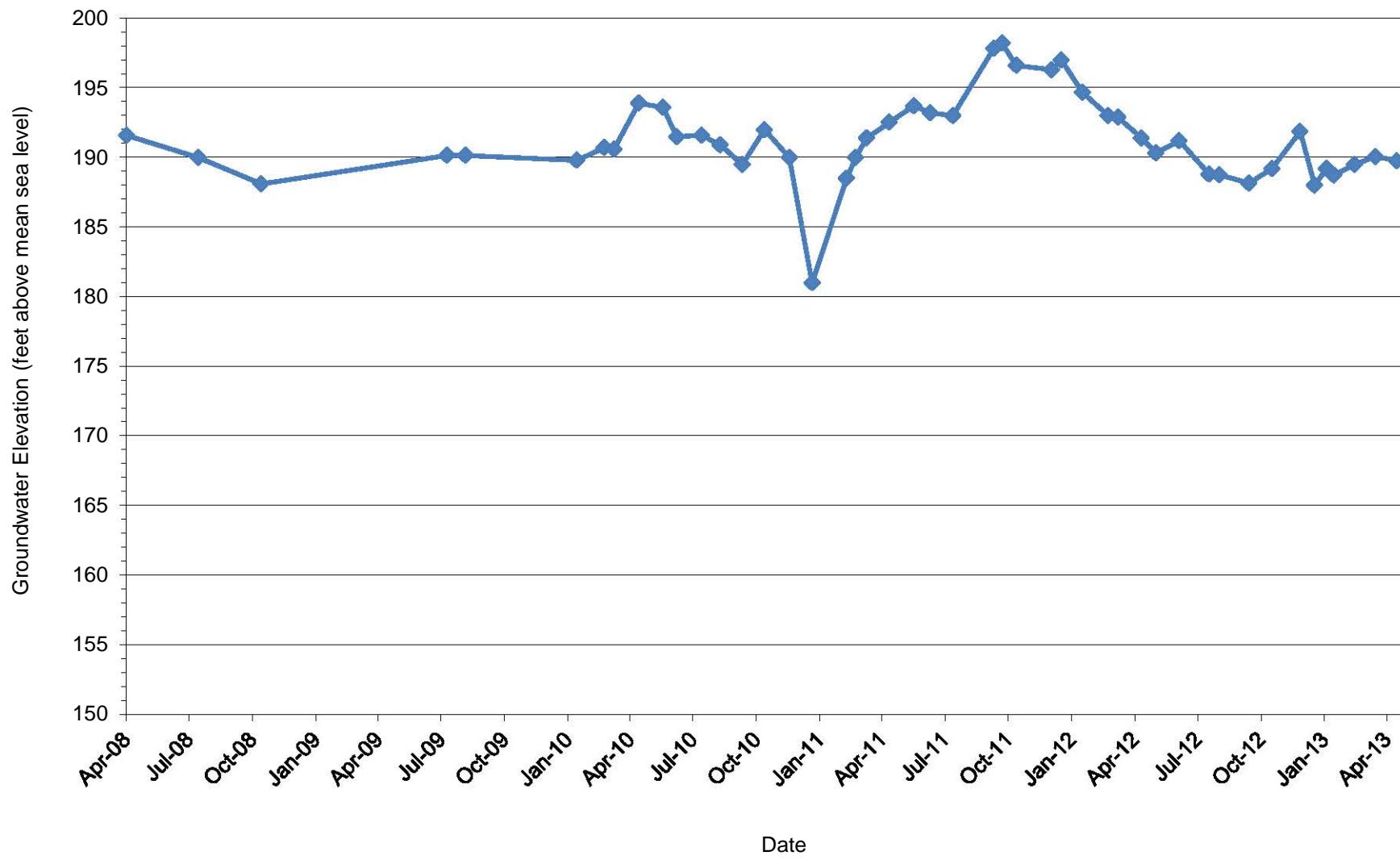
### MW-2 Hydrograph

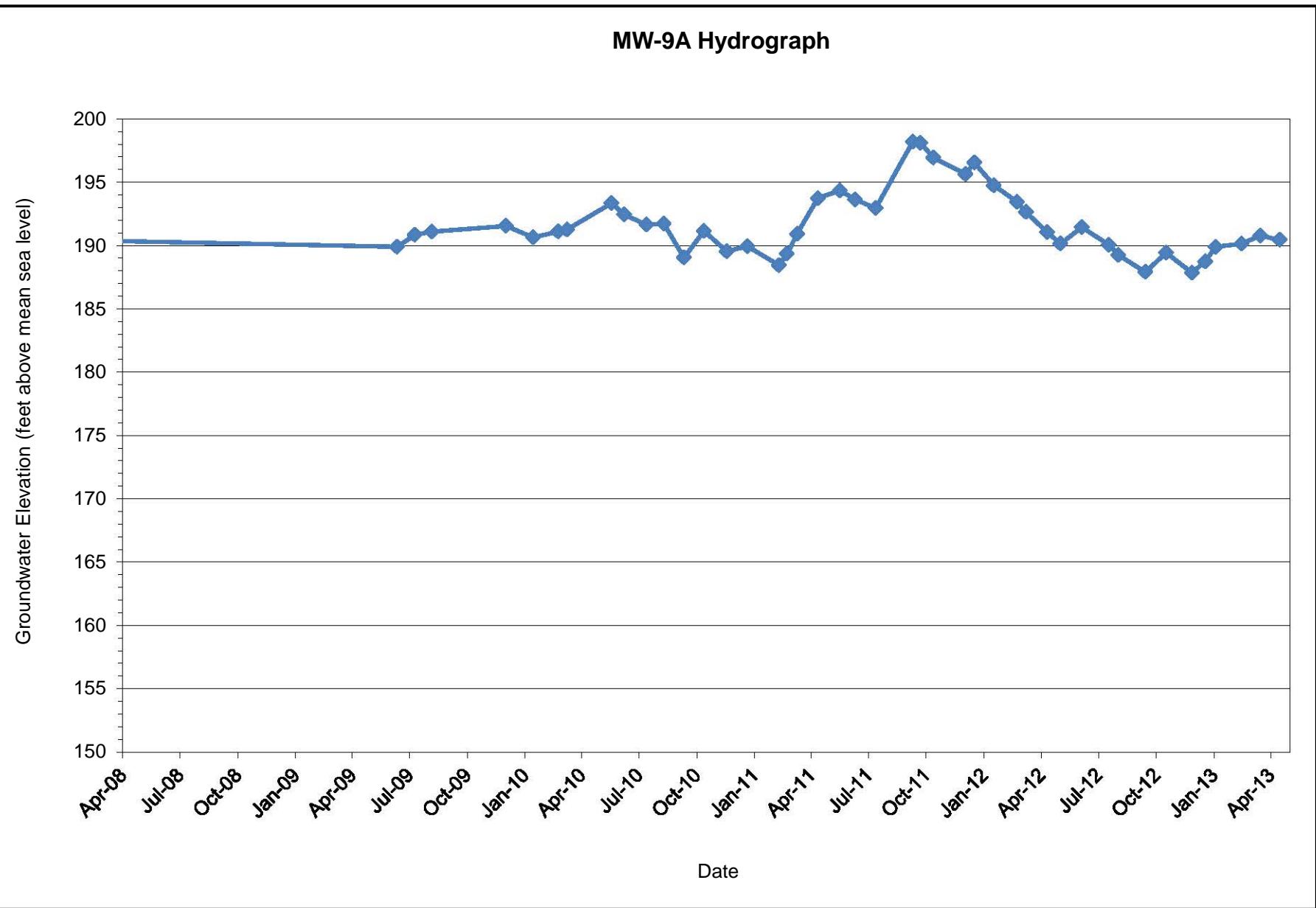


### MW-3 Hydrograph

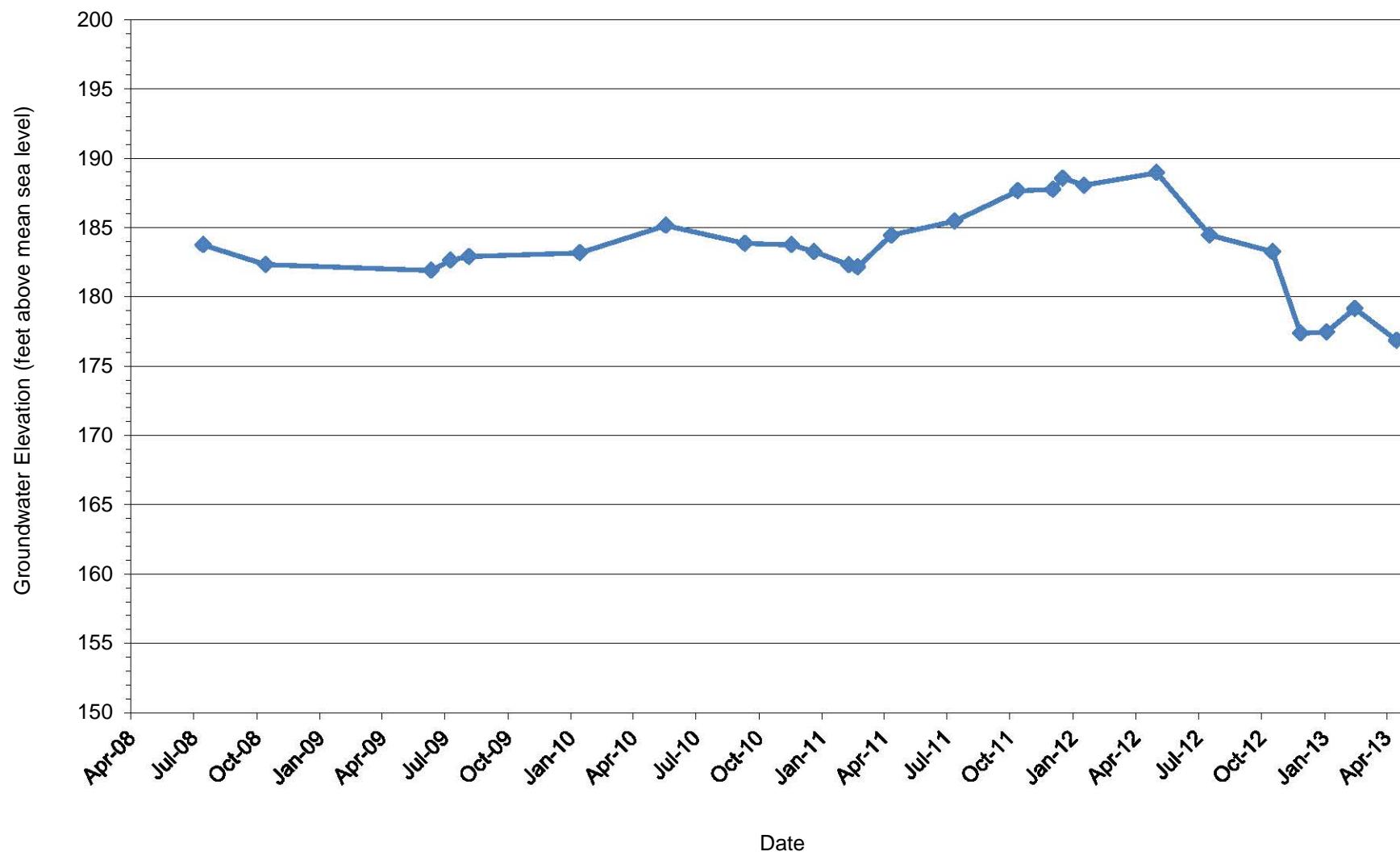


### MW-9 Hydrograph

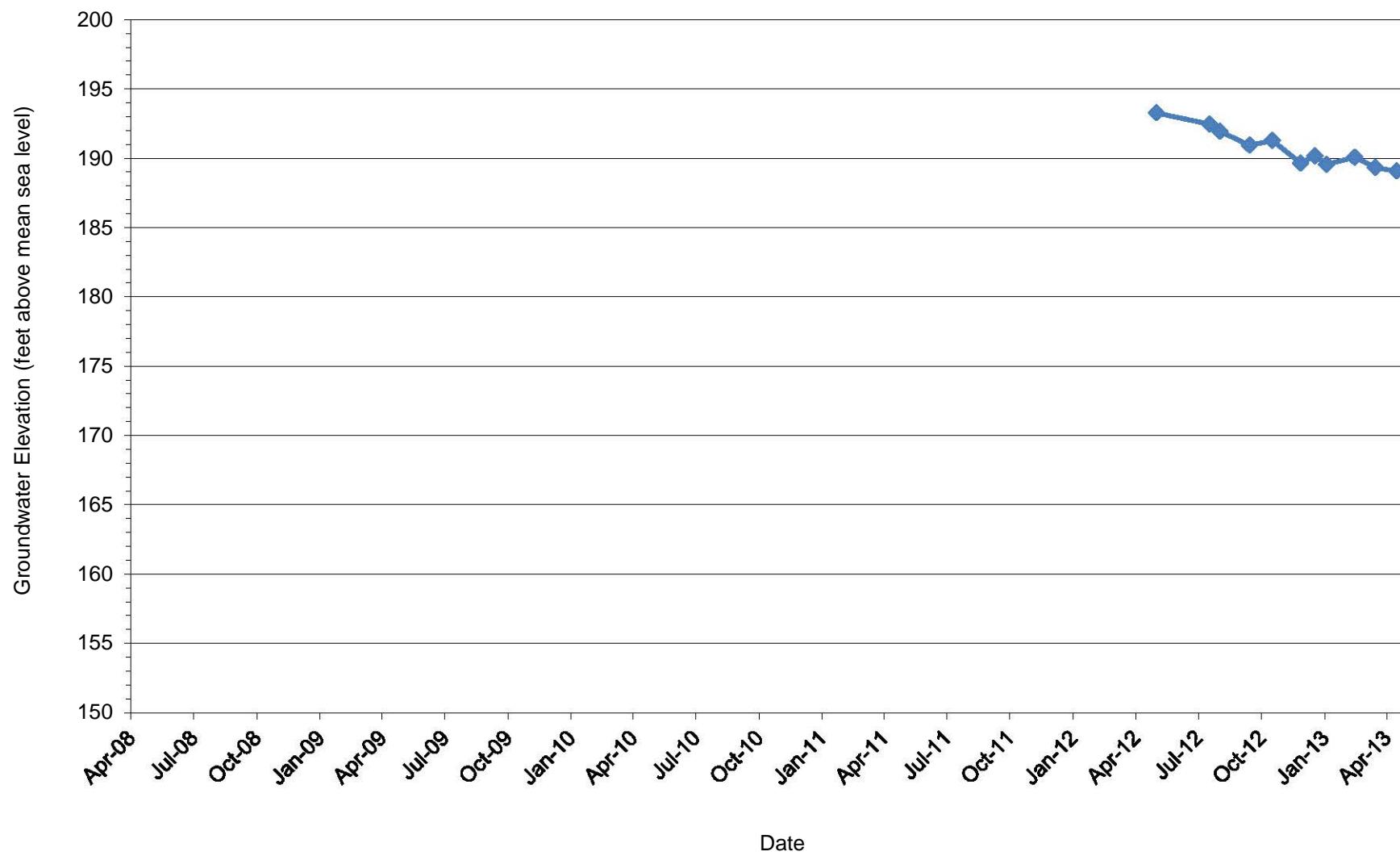




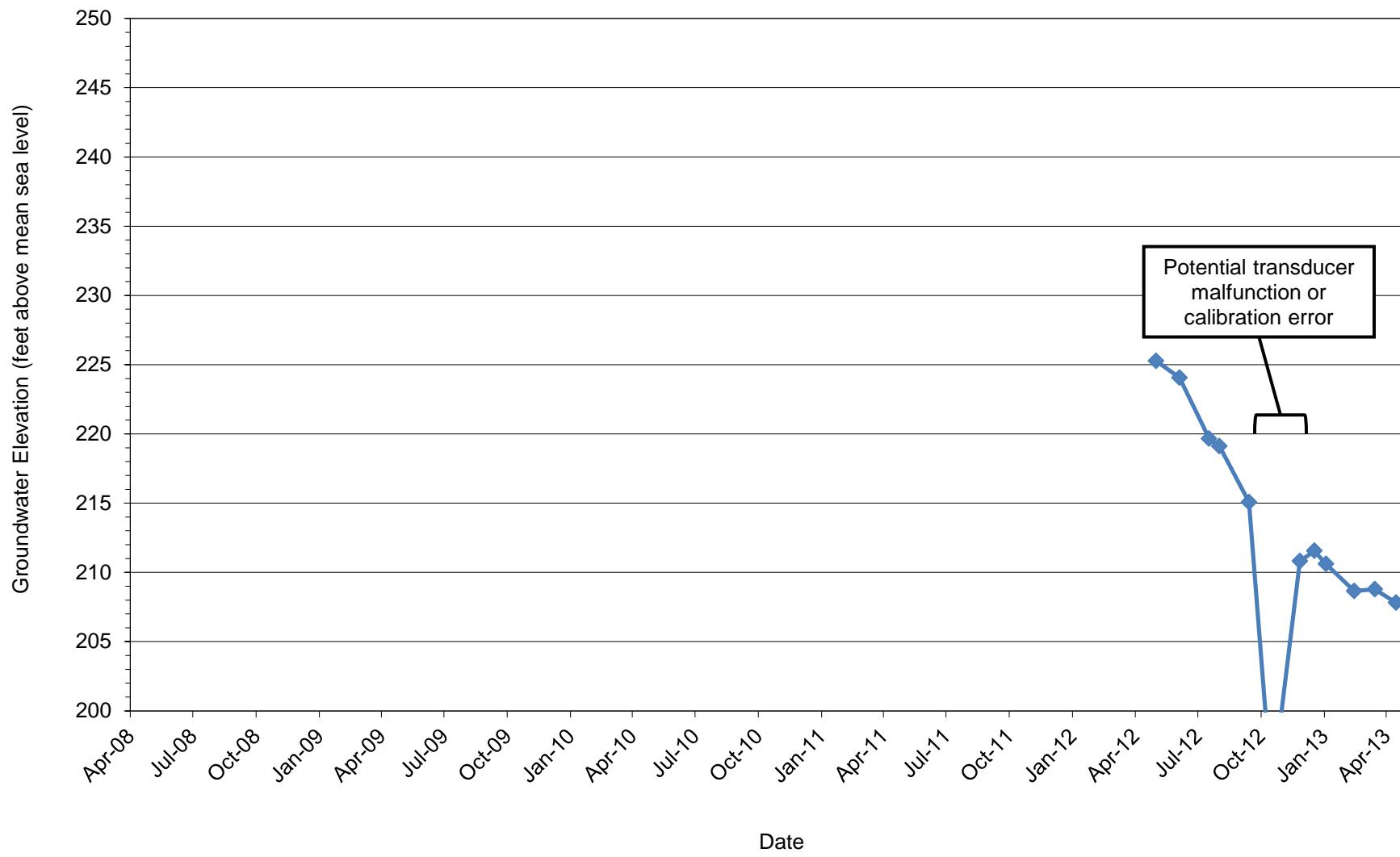
### MW-13 Hydrograph



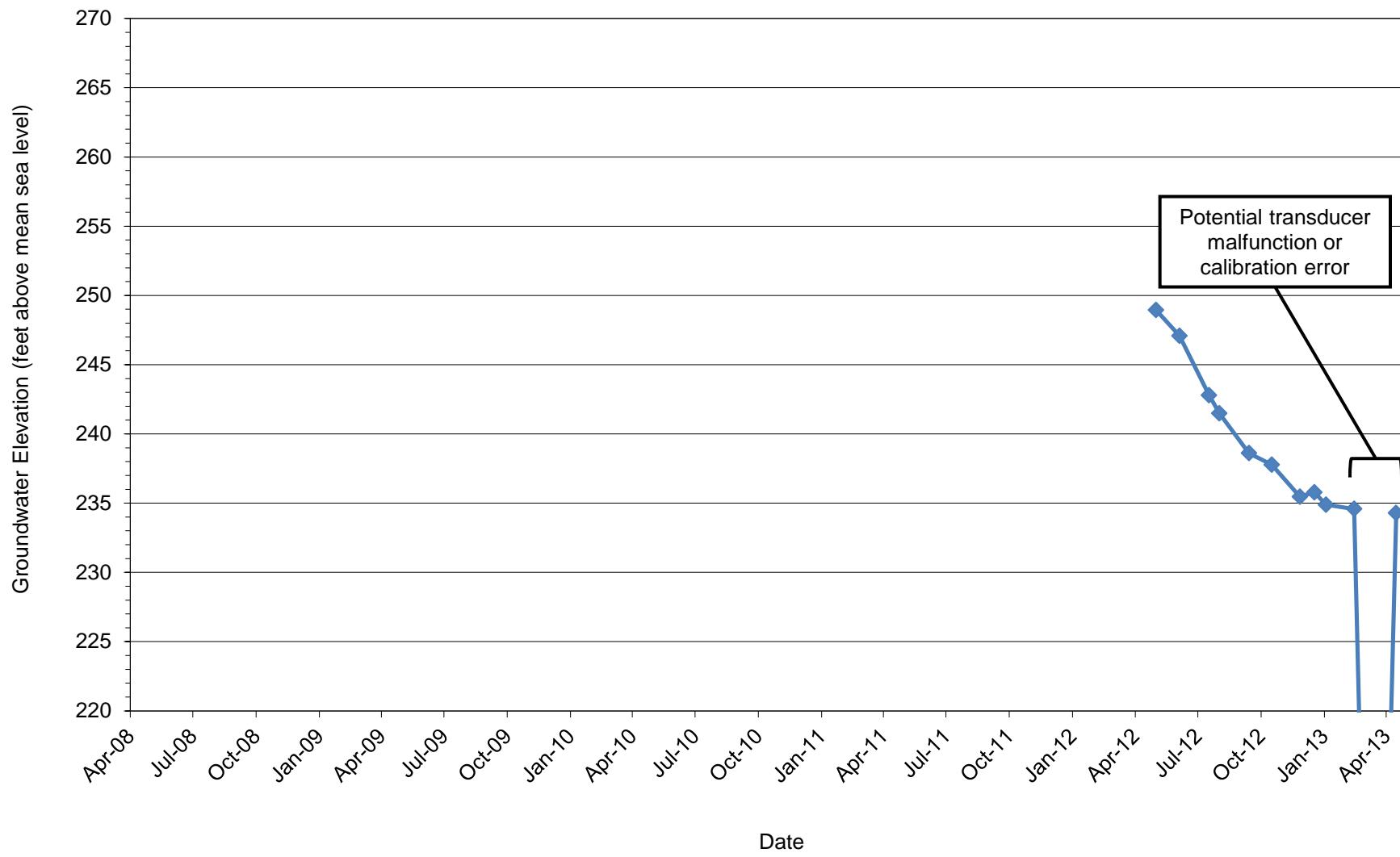
### MW-14 Hydrograph



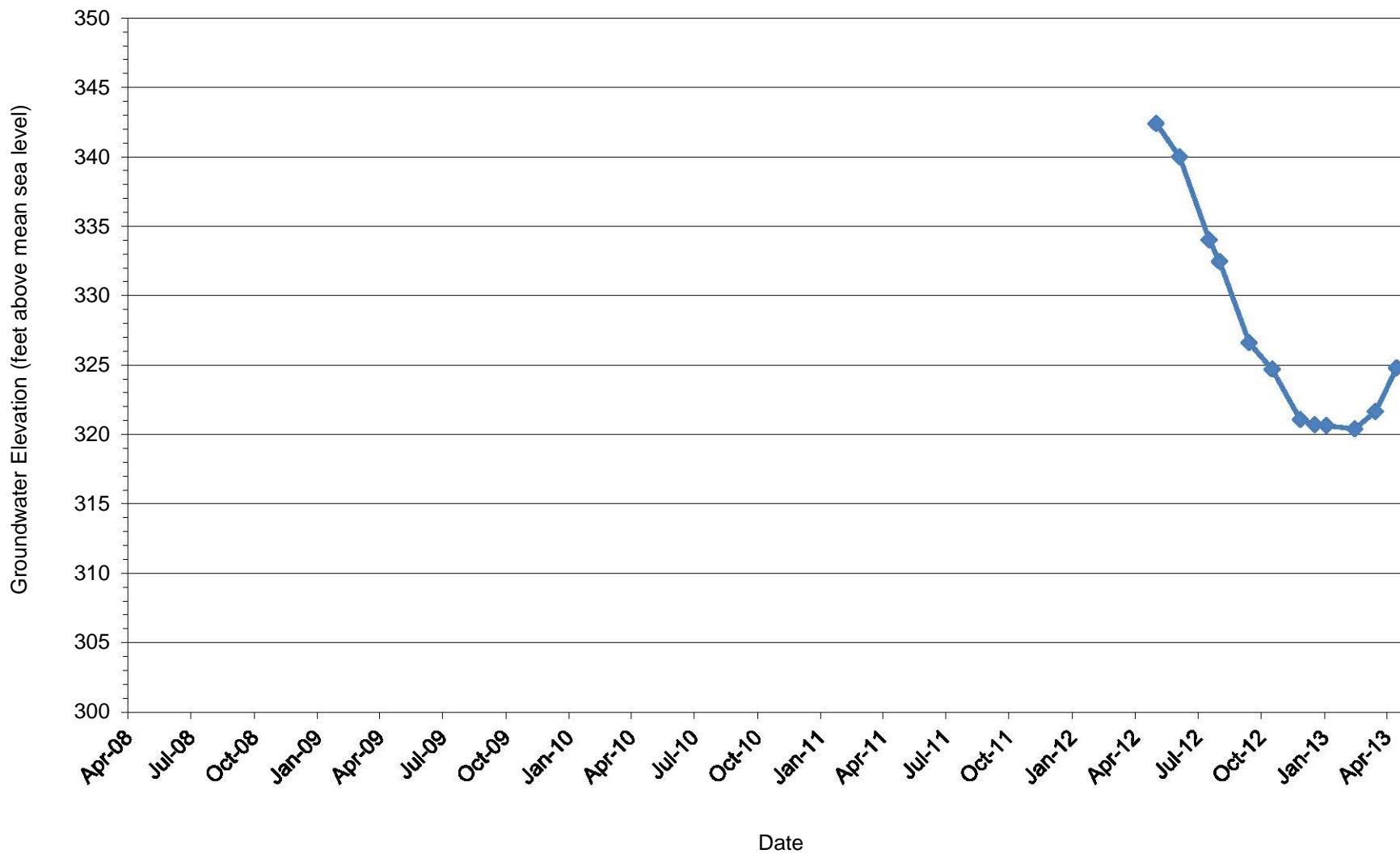
## MW-15 Hydrograph



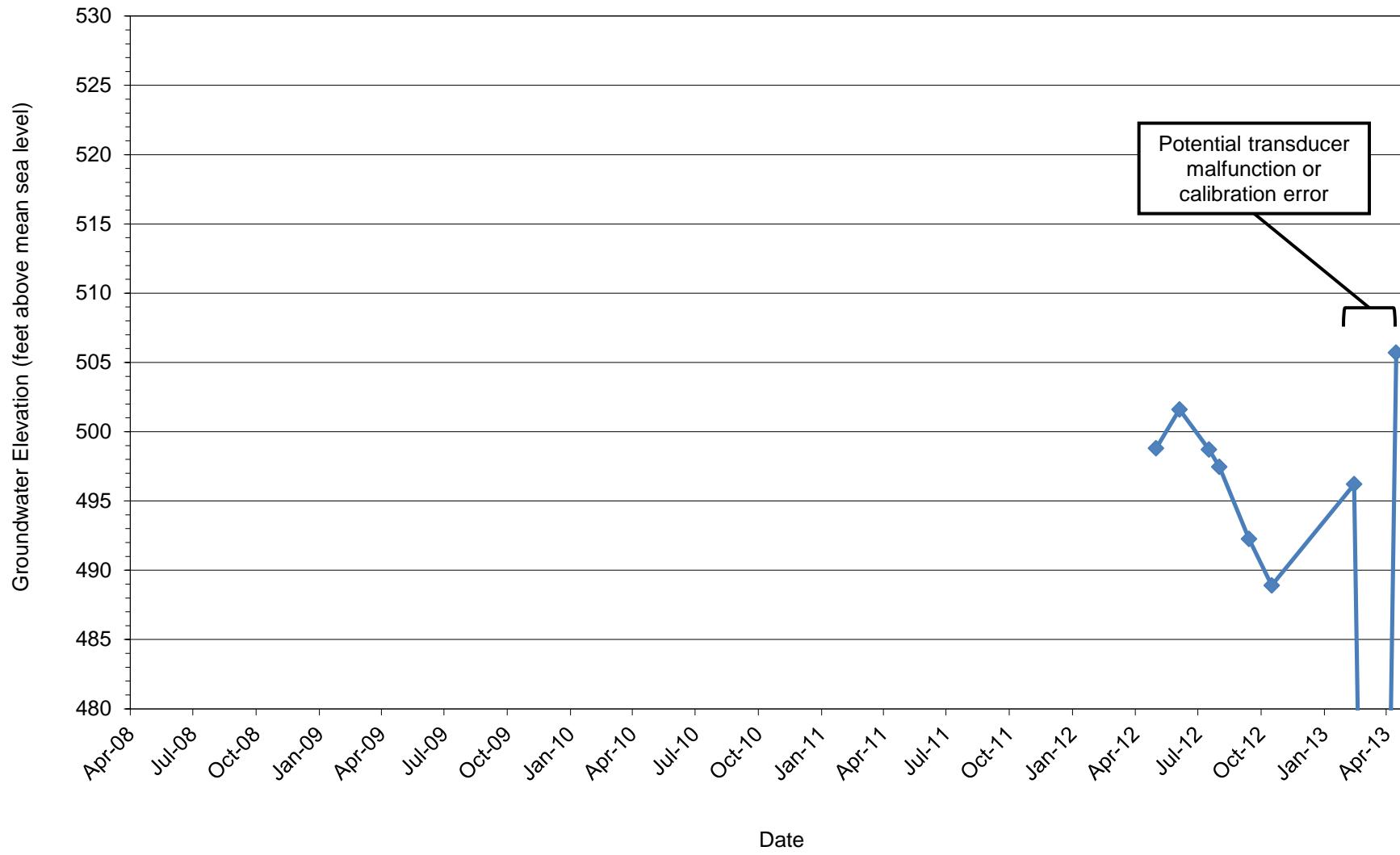
## MW-16 Hydrograph



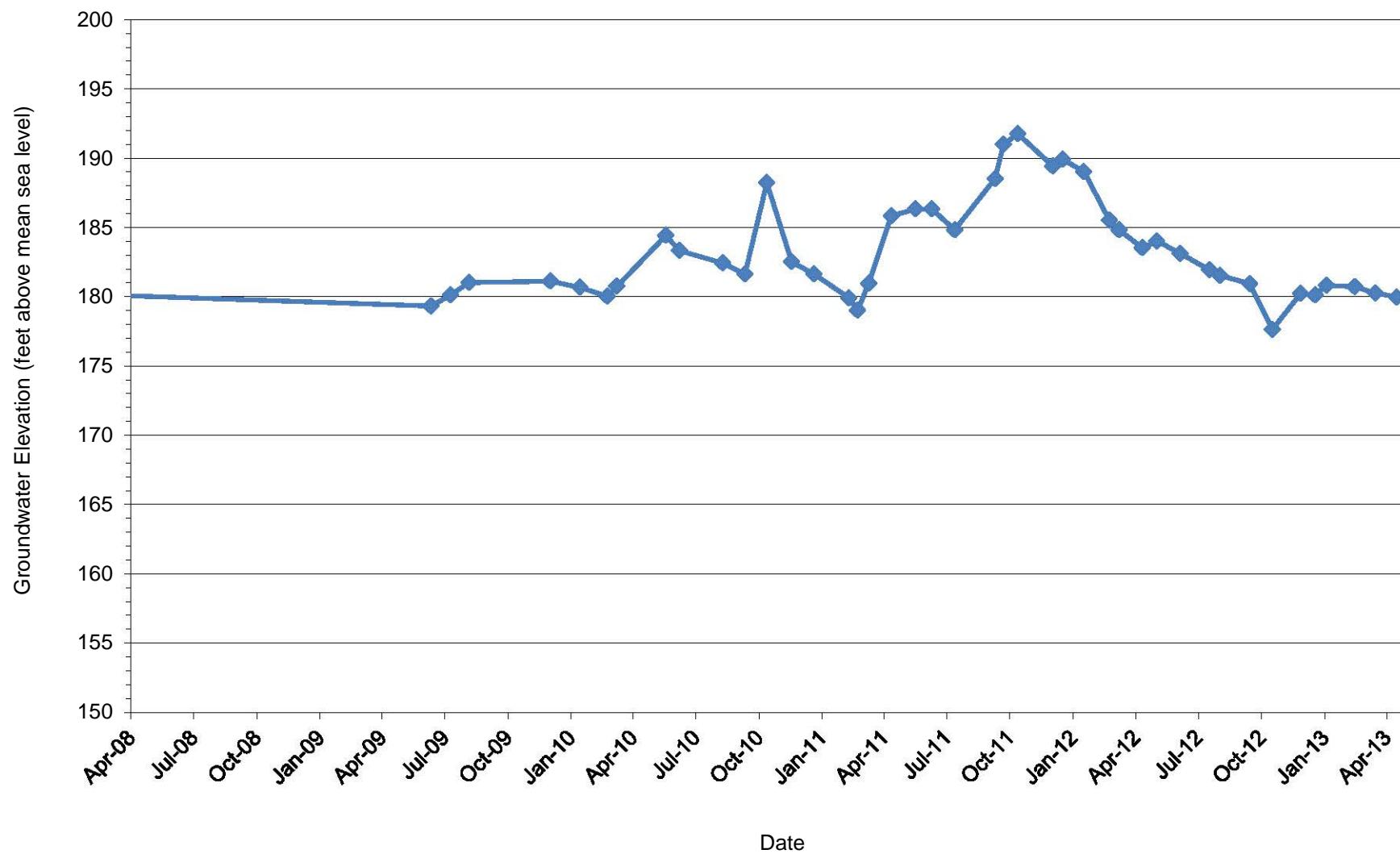
### MW-17 Hydrograph



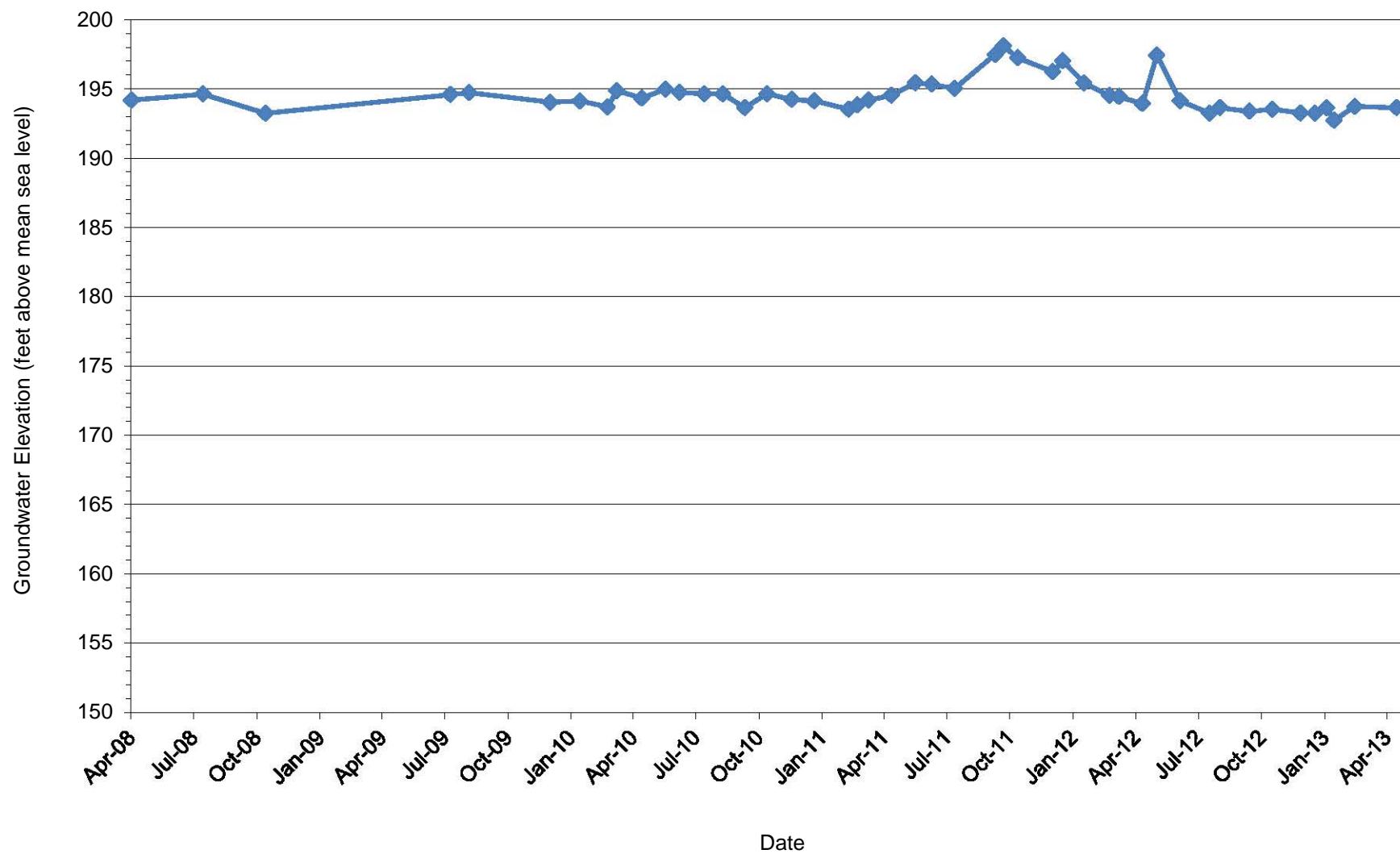
## MW-18 Hydrograph



### N-8 Hydrograph



### PZ-3 Hydrograph





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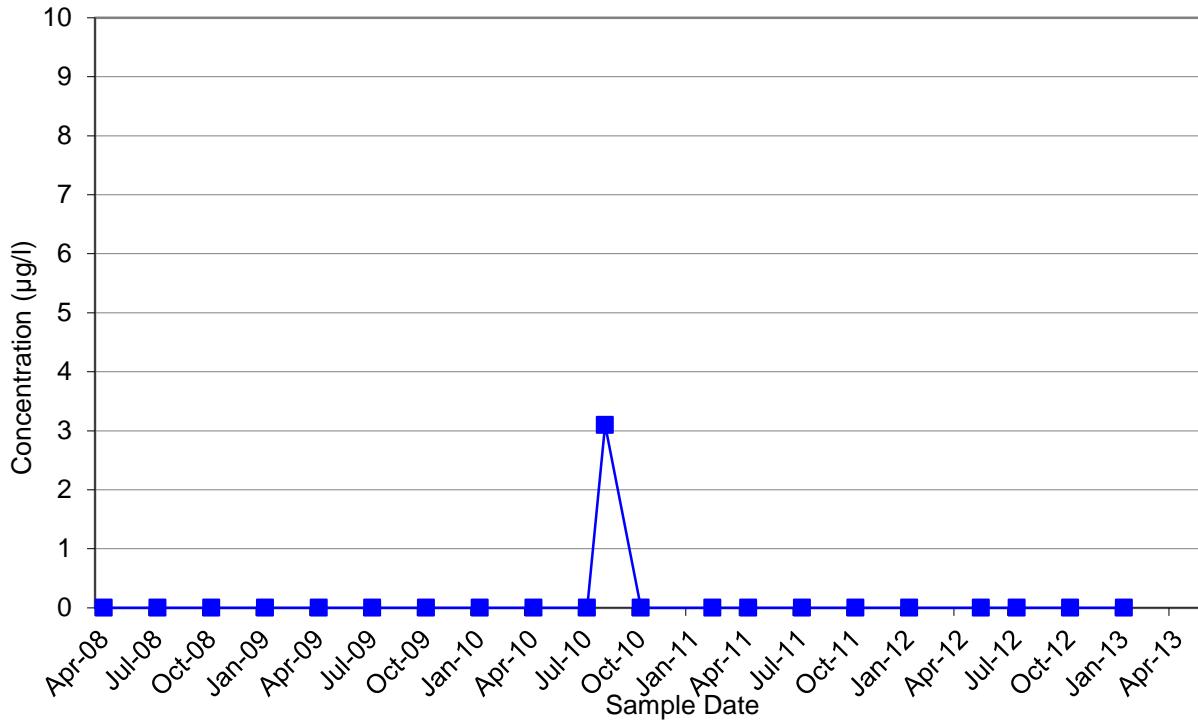
**APPENDIX B**

**TREND CHARTS**

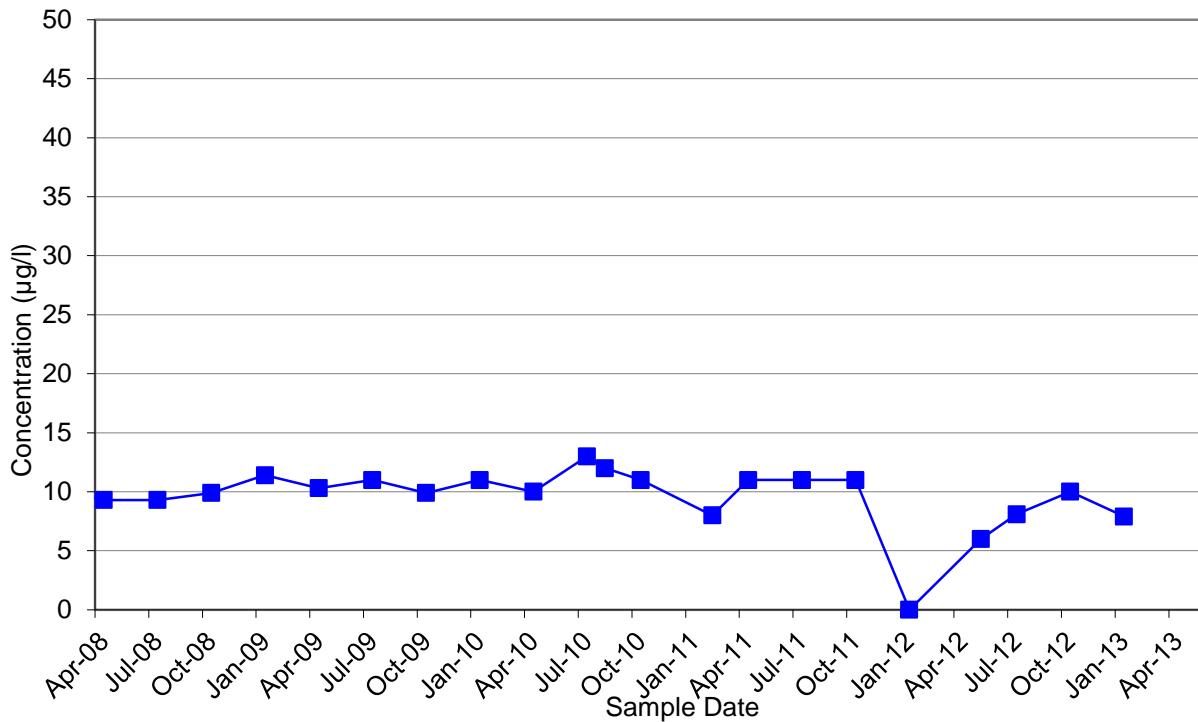
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CHRIN LANDFILL  
DM-2  
TIME SERIES CHARTS

**1,1,1-TRICHLOROETHANE**  
Cleanup Level (ESP) = 200 µg/l

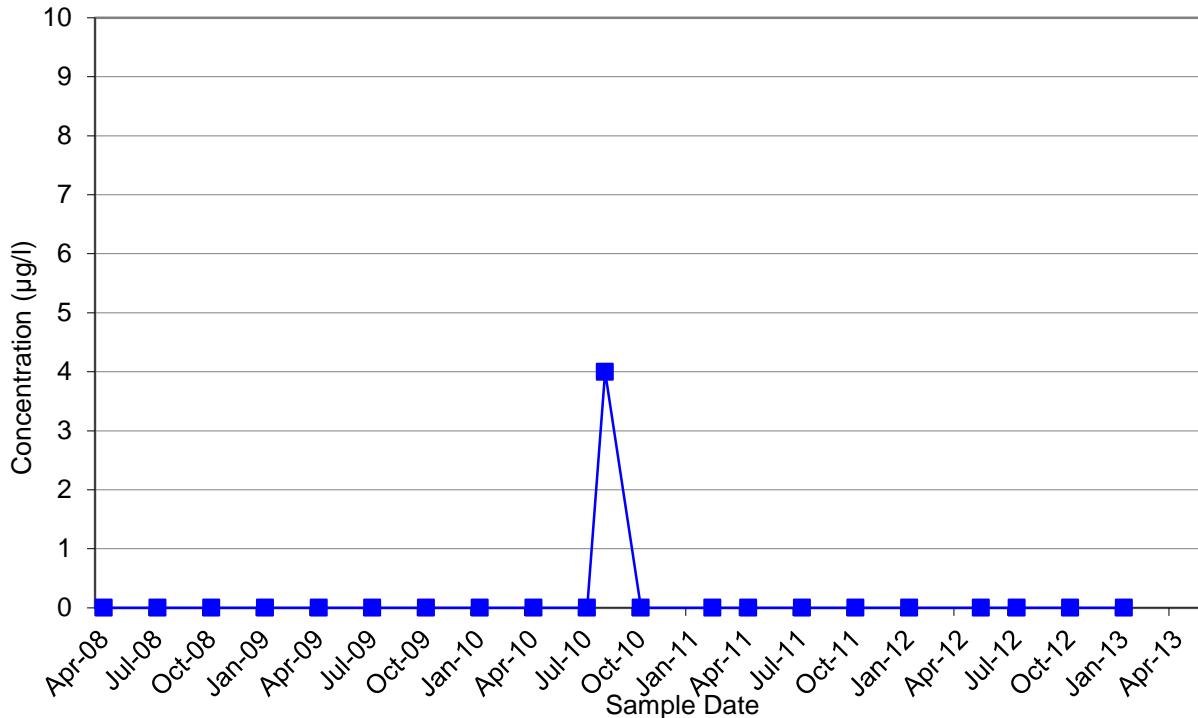


**1,1-DICHLOROETHANE**  
Cleanup Level (ESP) = 31 µg/l

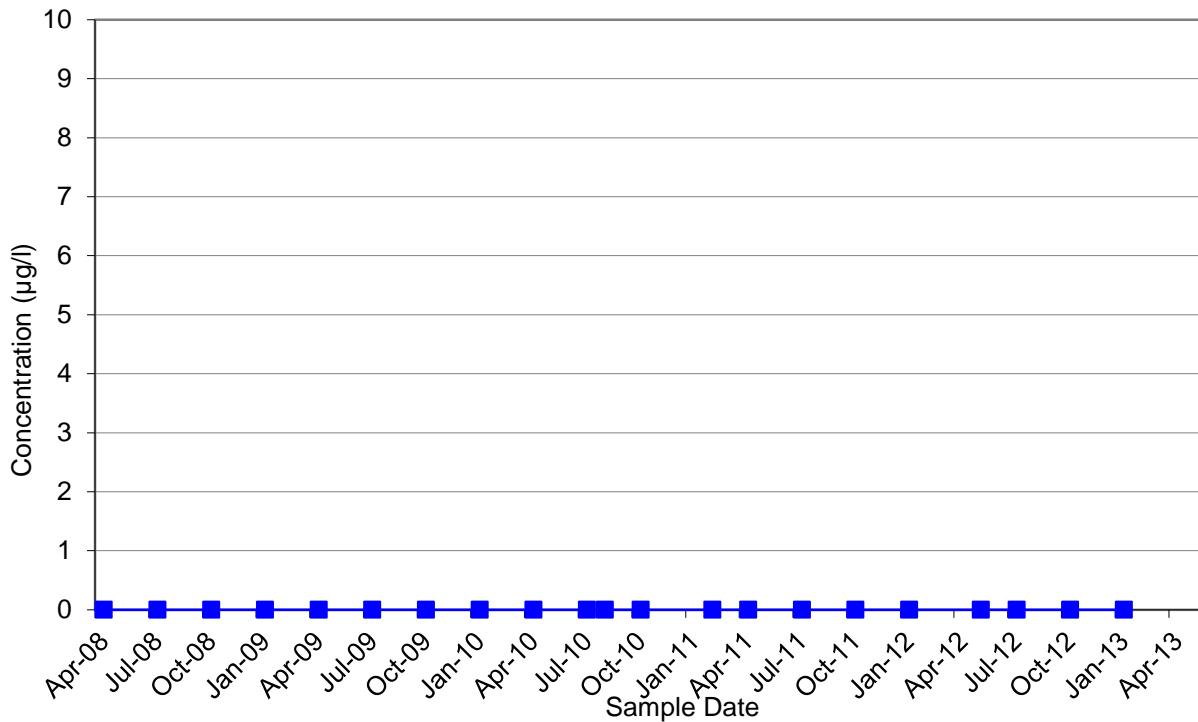


CHRIN LANDFILL  
DM-2  
TIME SERIES CHARTS

**1,1-DICHLOROETHENE**  
Cleanup Level (ESP) = 7 µg/l

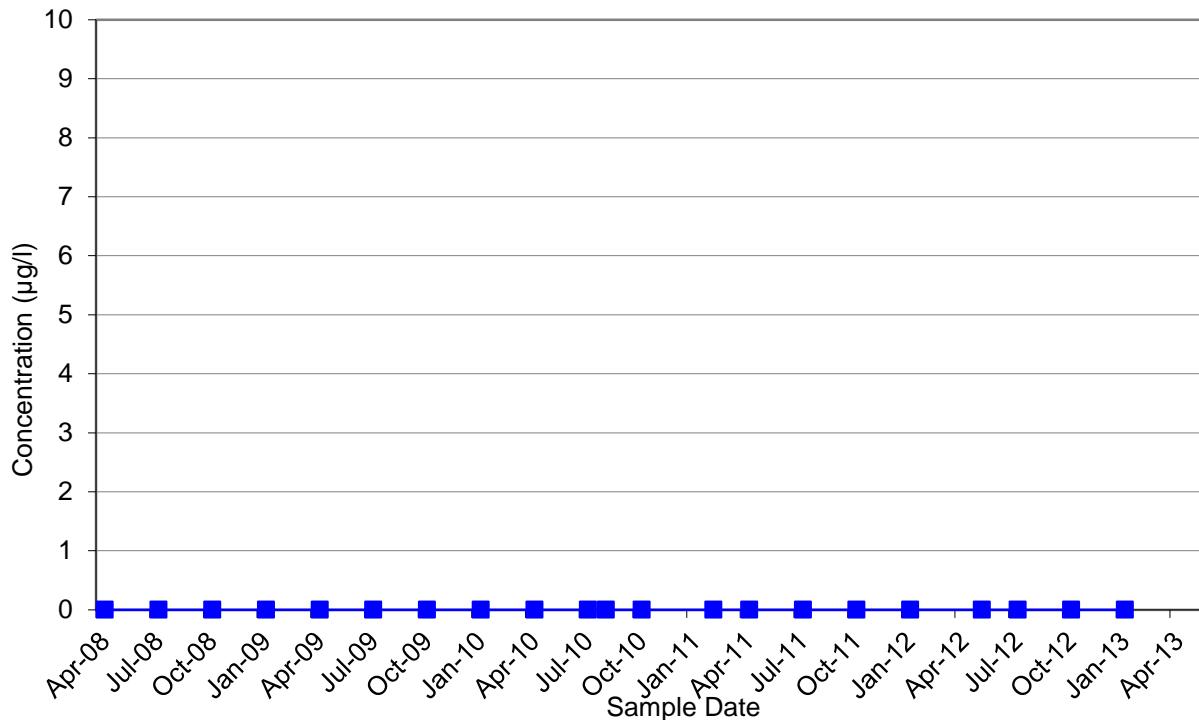


**1,2-DICHLOROETHANE**  
Cleanup Level (ESP) = 5 µg/l

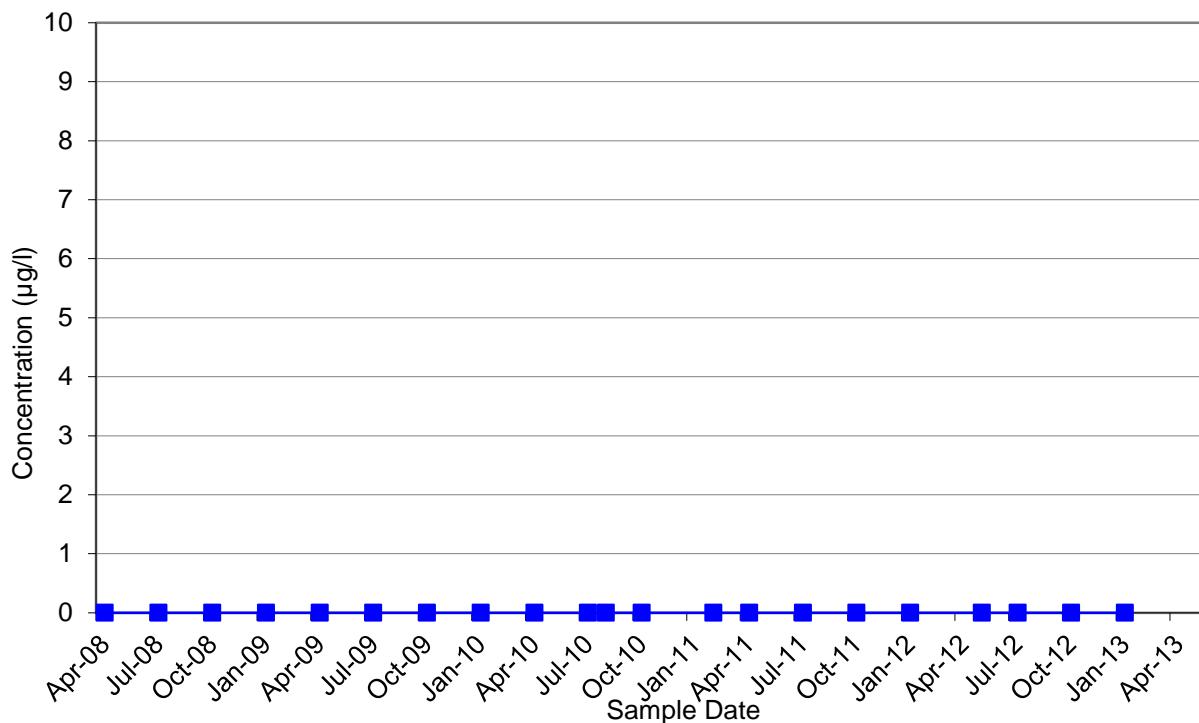


CHRIN LANDFILL  
DM-2  
TIME SERIES CHARTS

**1,2-DICHLOROPROPANE**  
Cleanup Level (ESP) = 5 µg/l

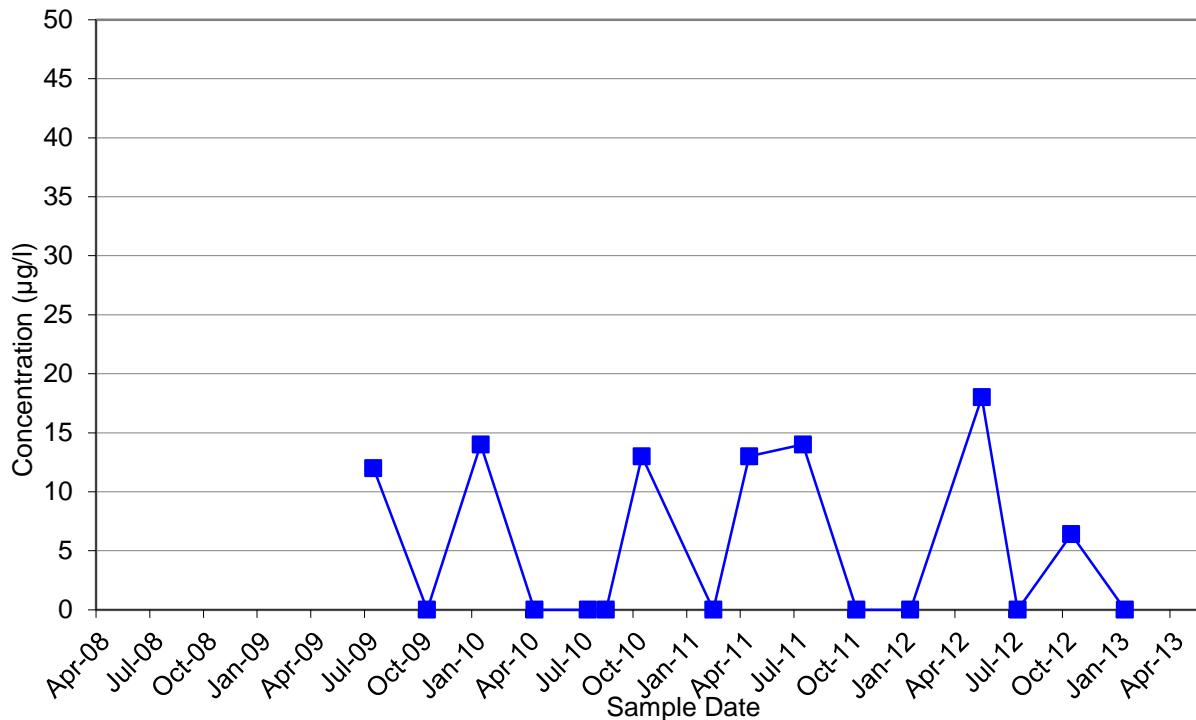


**1,4-DICHLOROBENZENE**  
Cleanup Level (ESP) = 75 µg/l



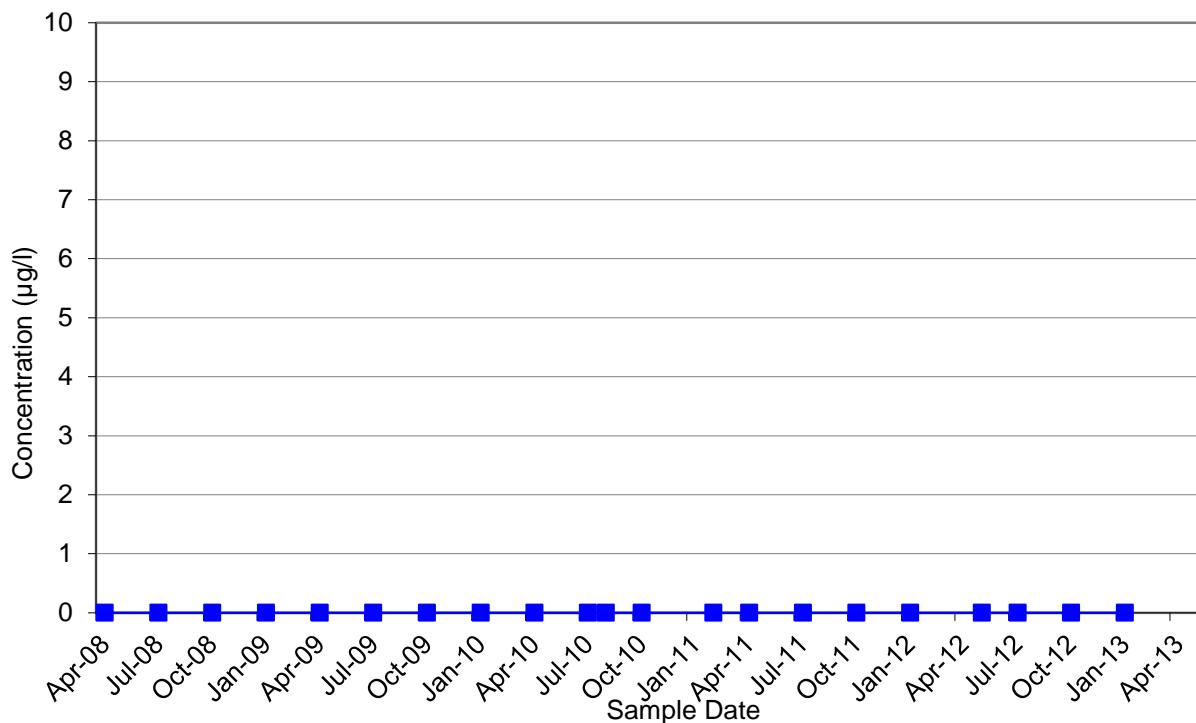
CHRIN LANDFILL  
DM-2  
TIME SERIES CHARTS

**1,4-DIOXANE**



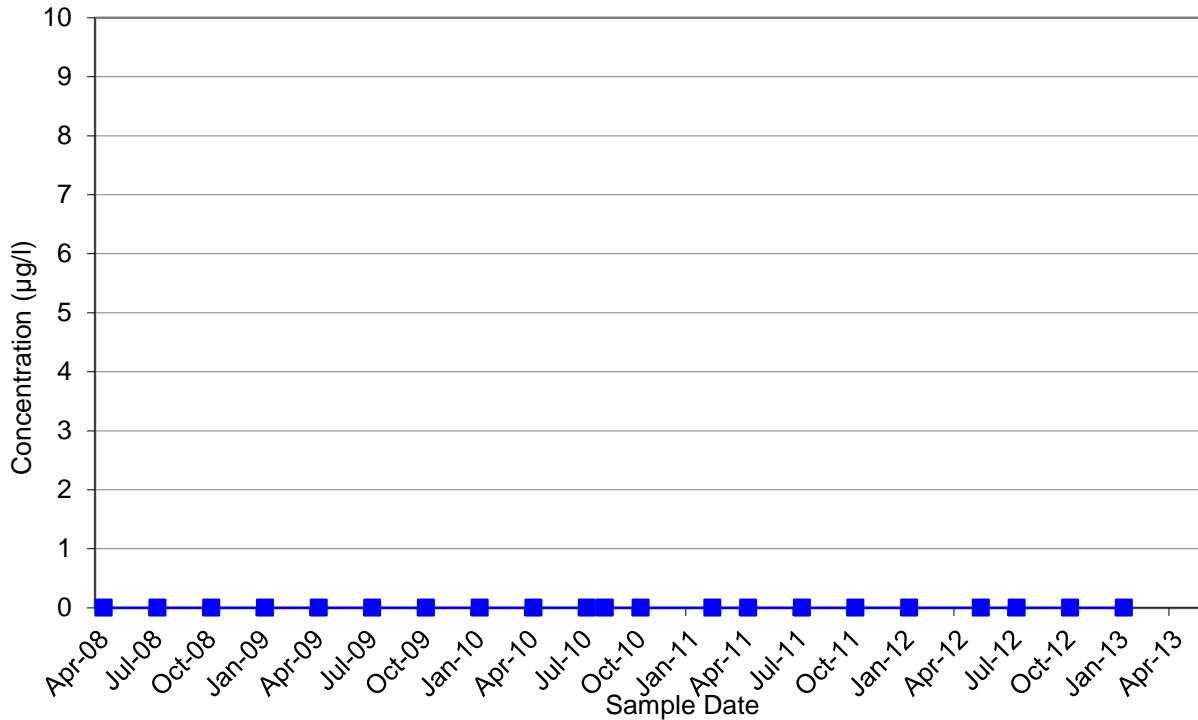
**BENZENE**

Cleanup Level (ESP) = 5  $\mu\text{g/l}$

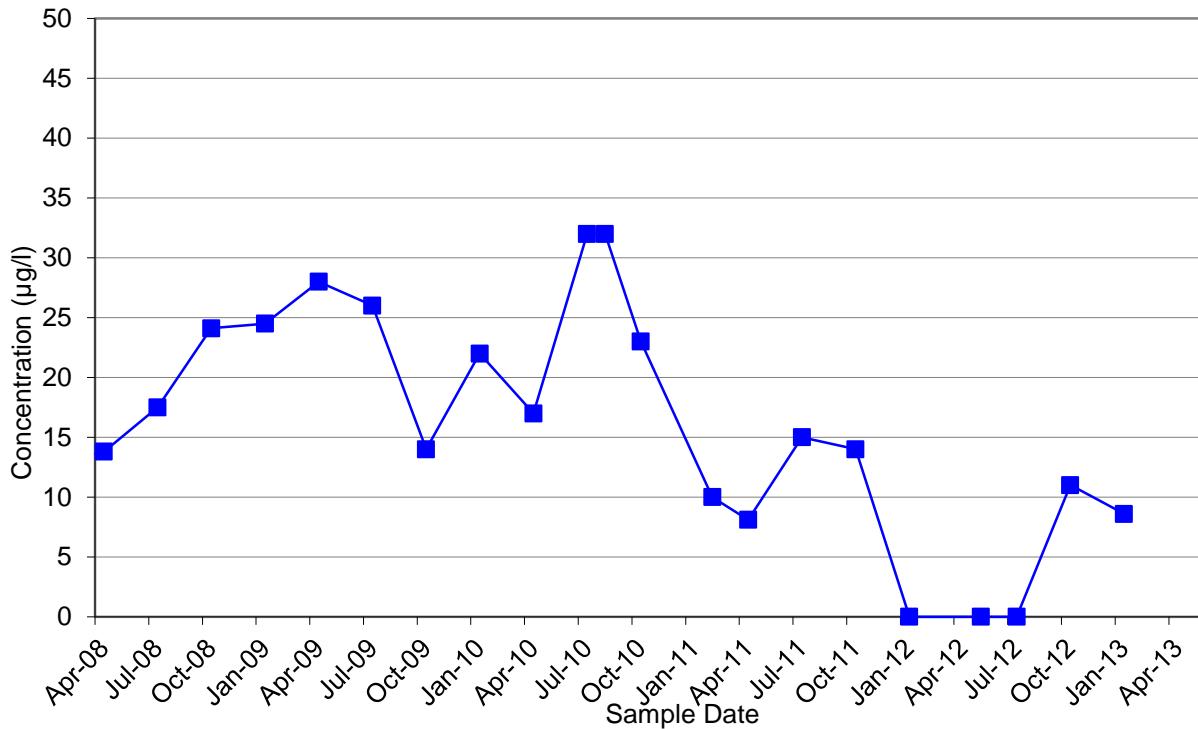


CHRIN LANDFILL  
DM-2  
TIME SERIES CHARTS

**CARBON TETRACHLORIDE**  
Cleanup Level (ESP) = 5 µg/l

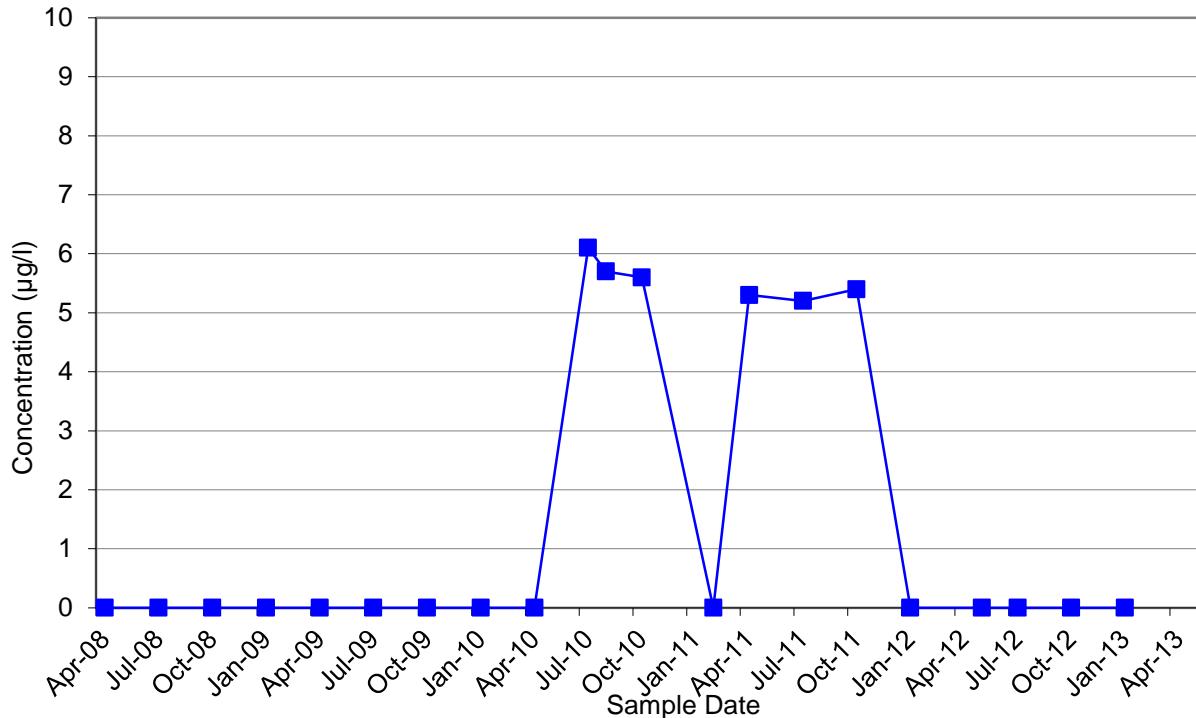


**CHLOROBENZENE**  
Cleanup Level (ESP) = 100 µg/l

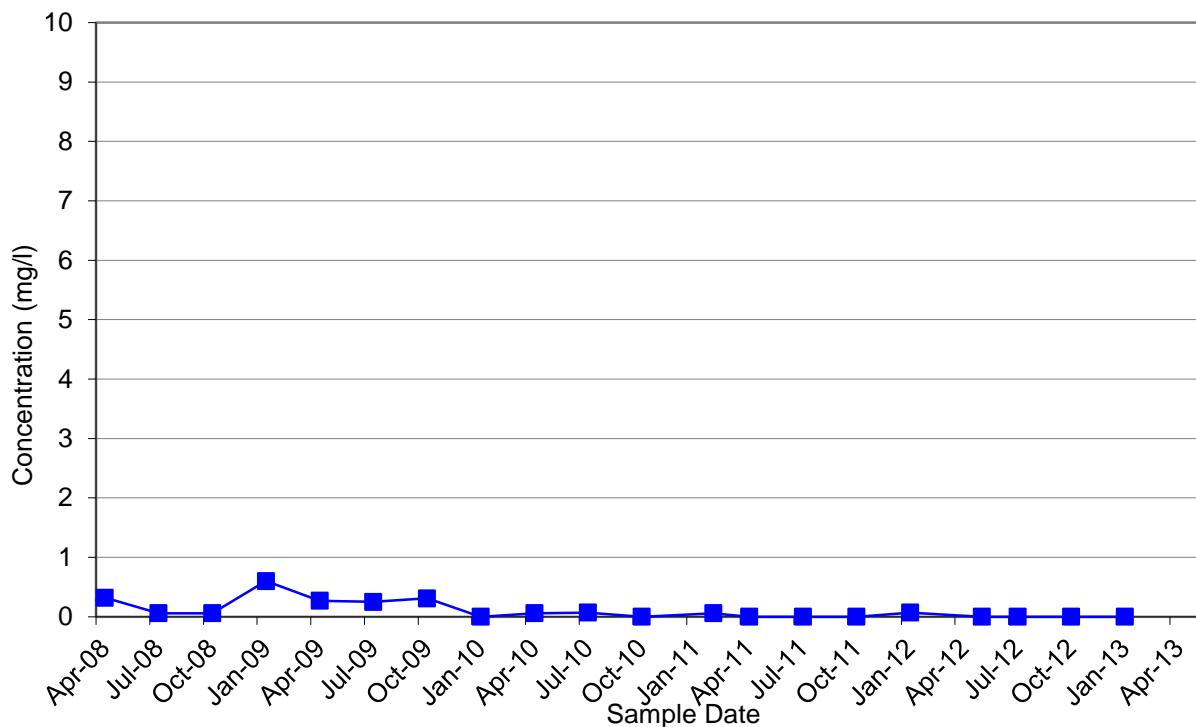


CHRIN LANDFILL  
DM-2  
TIME SERIES CHARTS

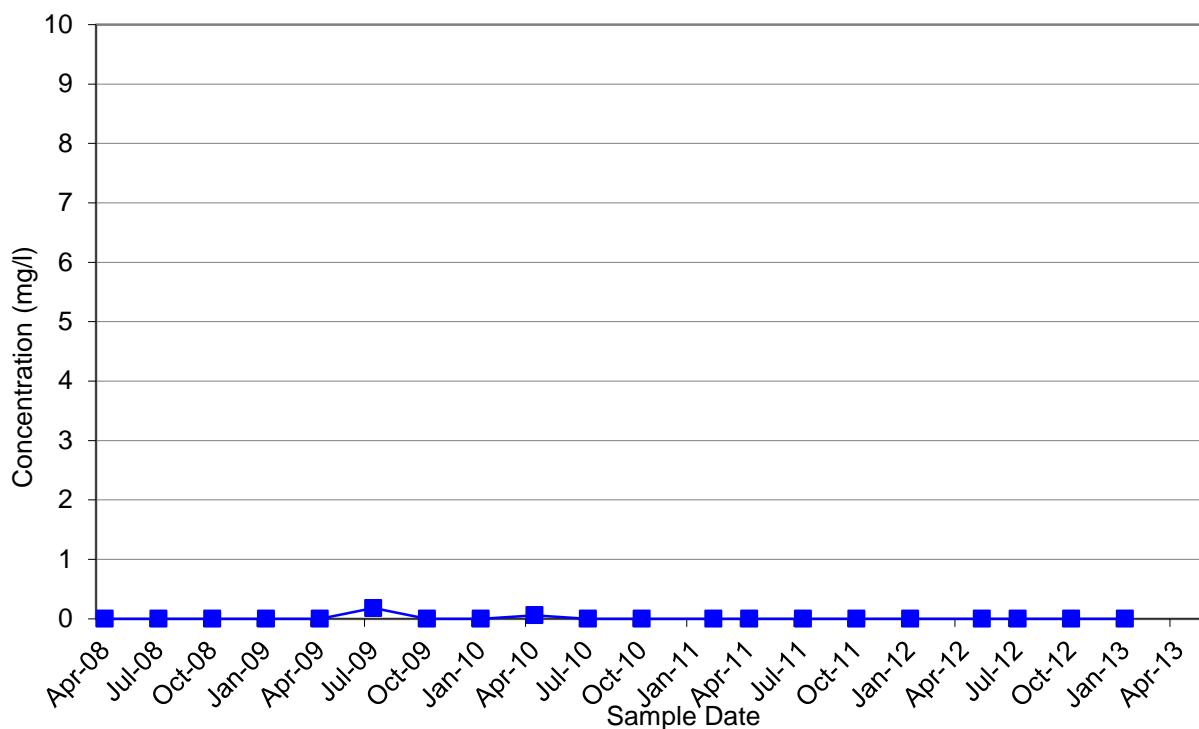
**cis 1,2-DICHLOROETHENE**  
Cleanup Level (ESP) = 70 µg/l



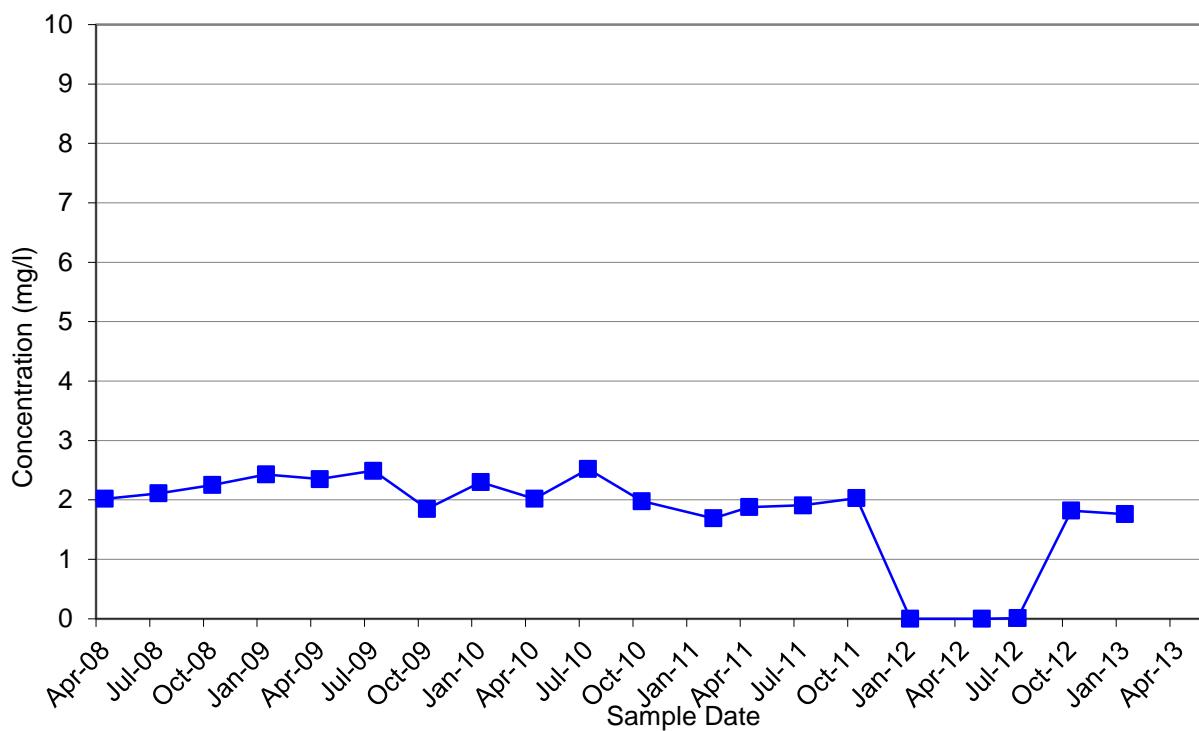
**IRON, TOTAL**



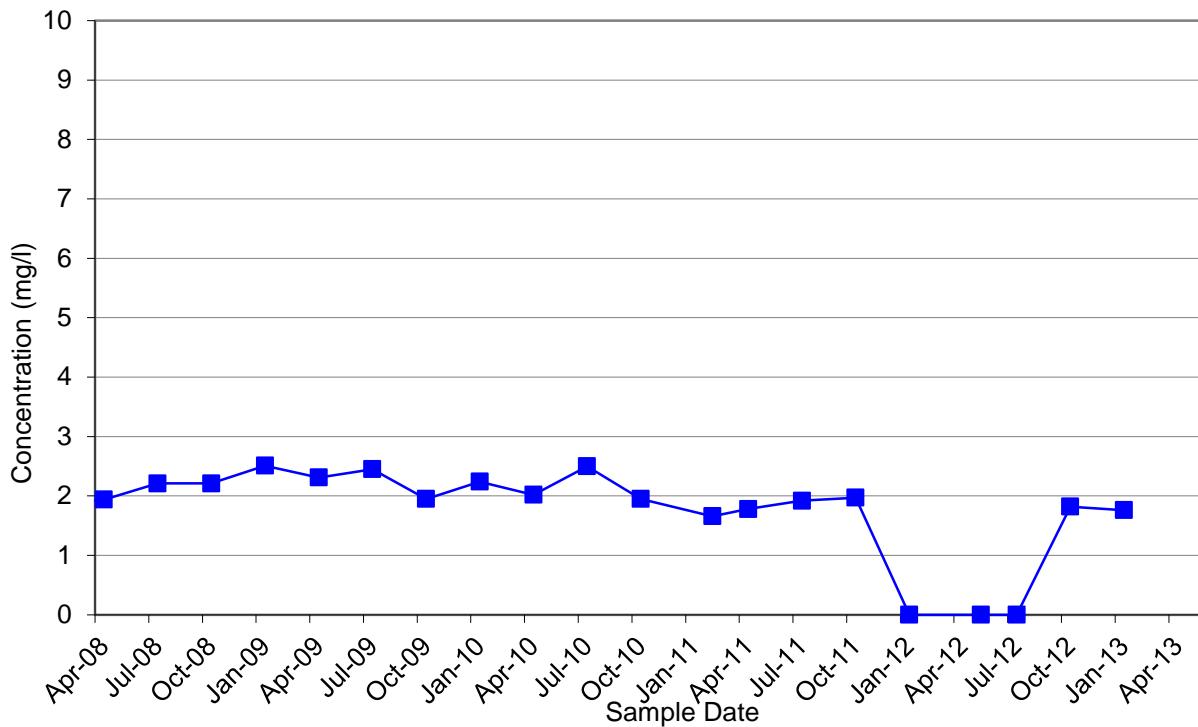
CHRIN LANDFILL  
DM-2  
TIME SERIES CHARTS  
**IRON, DISSOLVED**



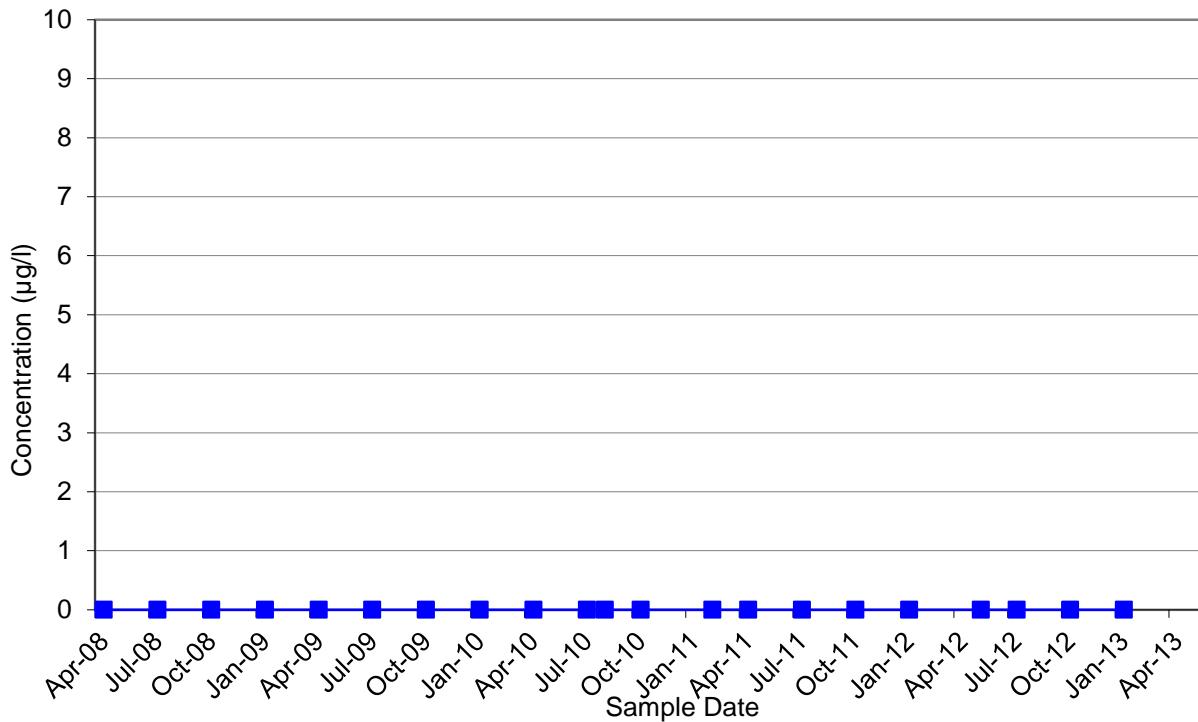
**MANGANESE, TOTAL**



**CHRIN LANDFILL**  
**DM-2**  
**TIME SERIES CHARTS**  
**MANGANESE, DISSOLVED**

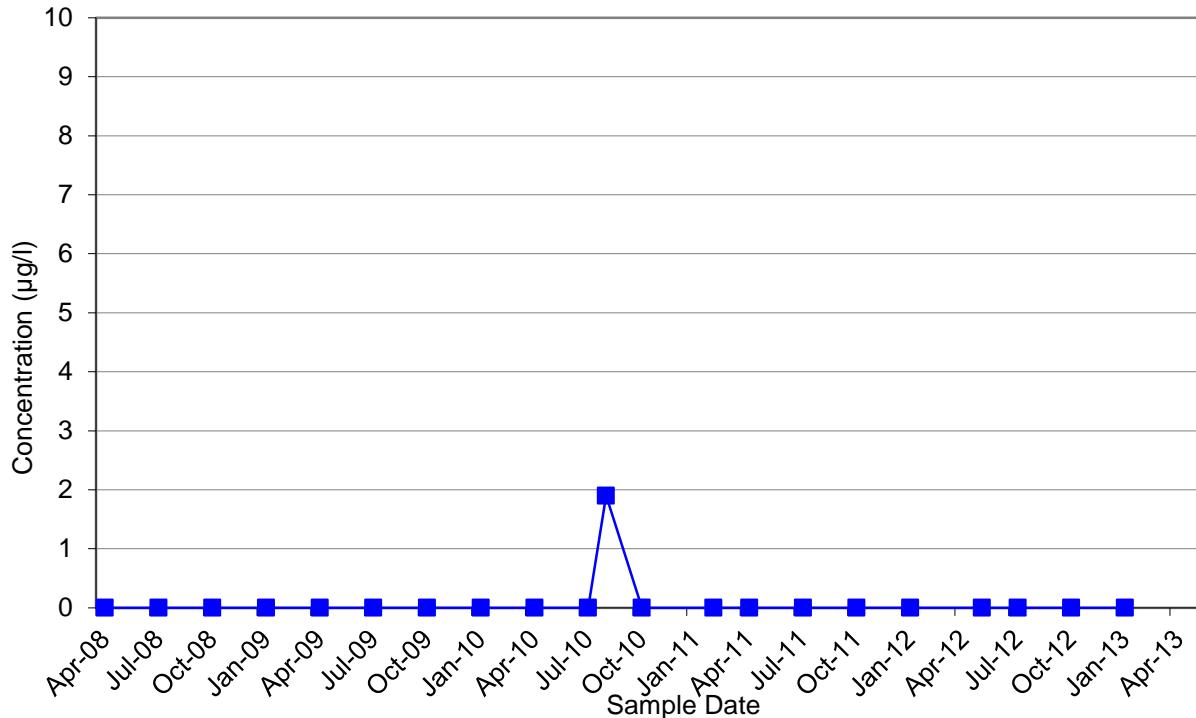


**METHYLENE CHLORIDE**  
Cleanup Level (ESP) = 5 µg/l

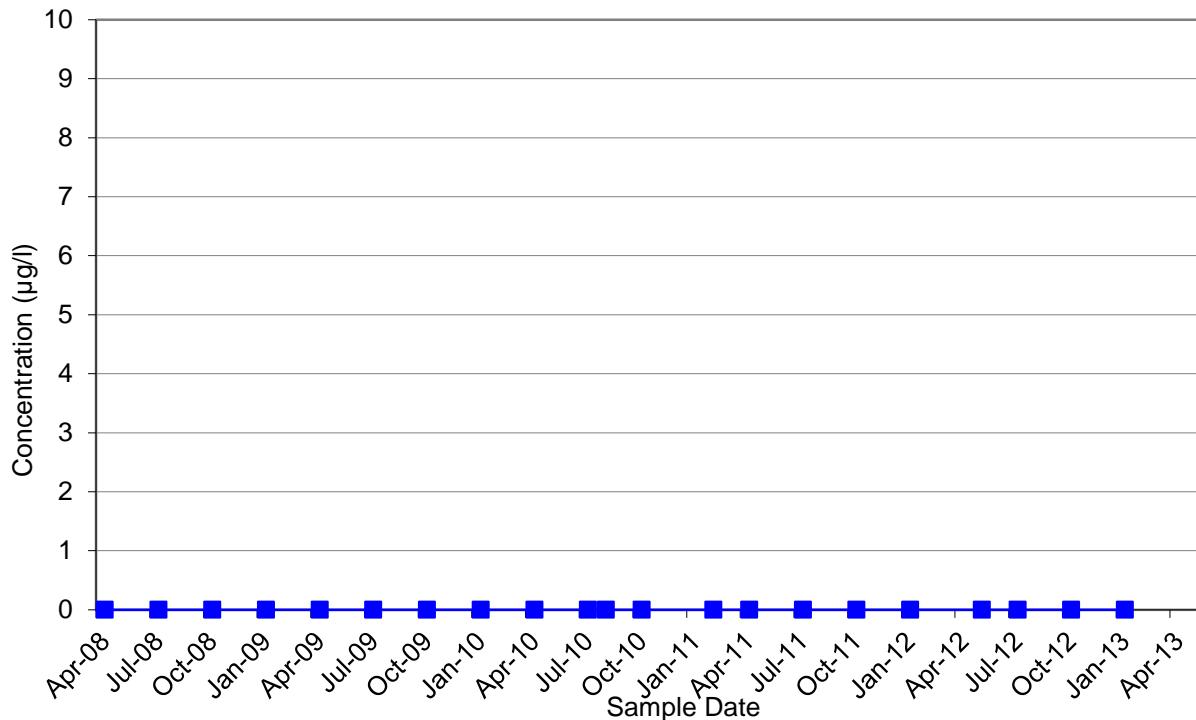


CHRIN LANDFILL  
DM-2  
TIME SERIES CHARTS

**TETRACHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l

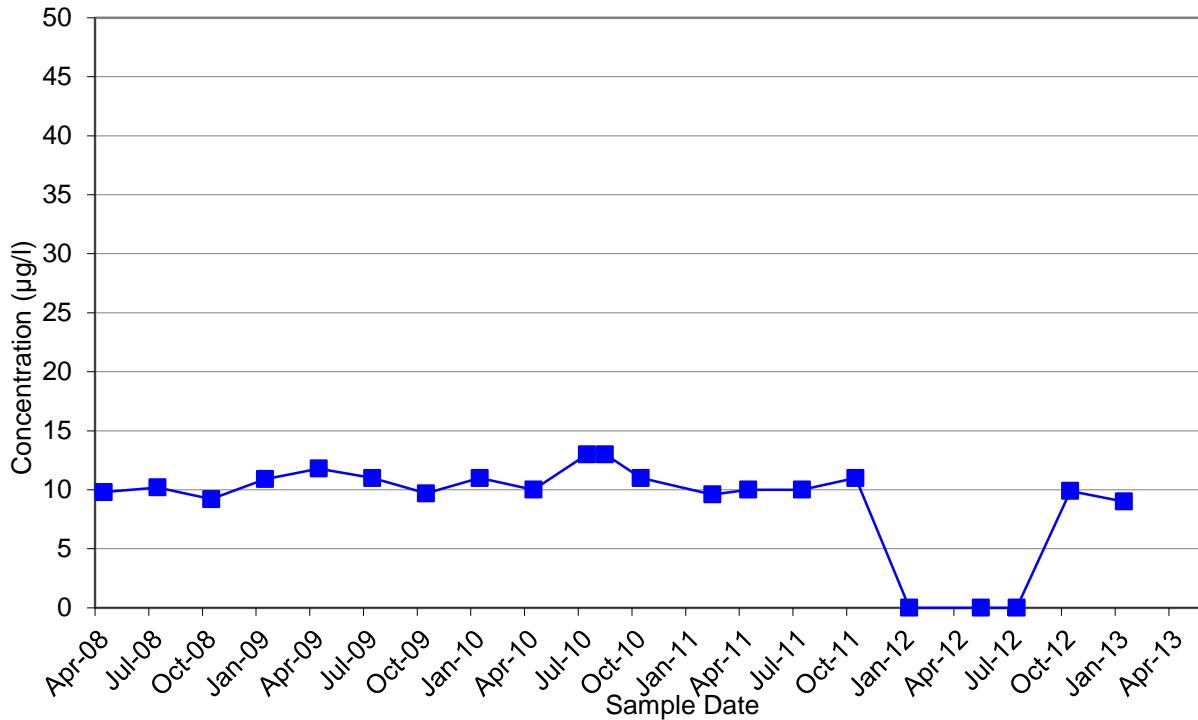


**trans 1,2-DICHLOROETHENE**  
Cleanup Level (ESP) = 100 µg/l

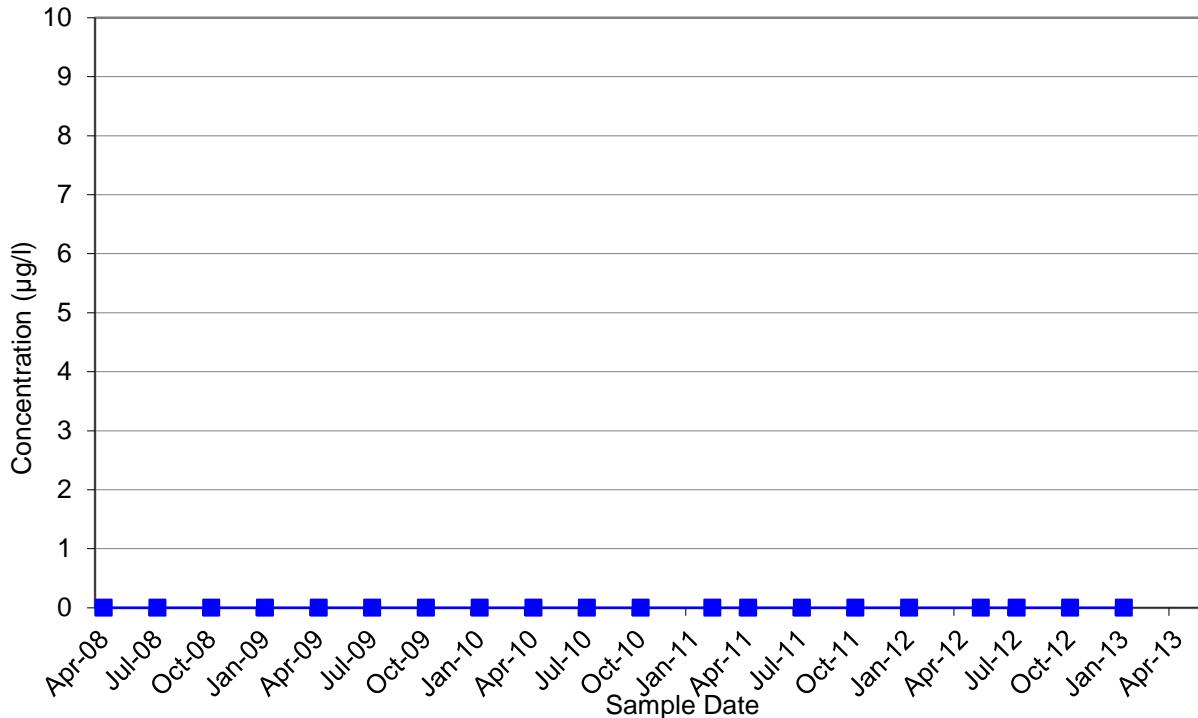


CHRIN LANDFILL  
DM-2  
TIME SERIES CHARTS

**TRICHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l

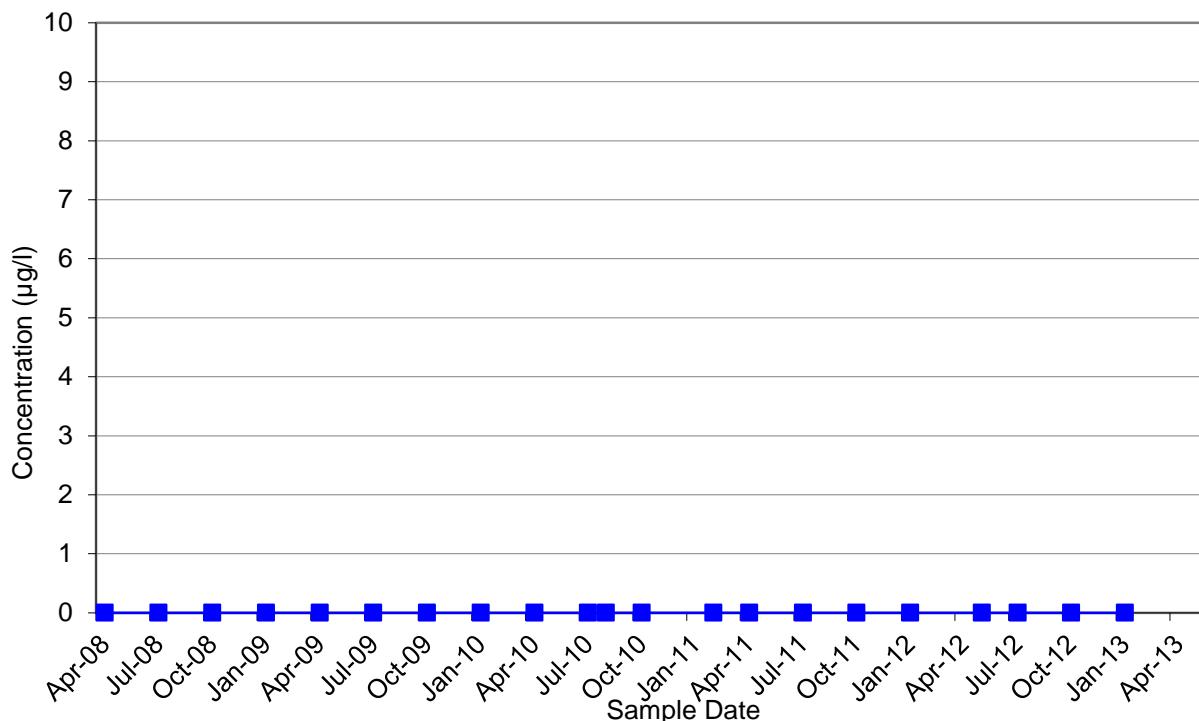


**TRICHLOROMETHANE**  
Cleanup Level (ESP) = 80 µg/l



CHRIN LANDFILL  
DM-2  
TIME SERIES CHARTS

**VINYL CHLORIDE**  
Cleanup Level (ESP) = 2 µg/l



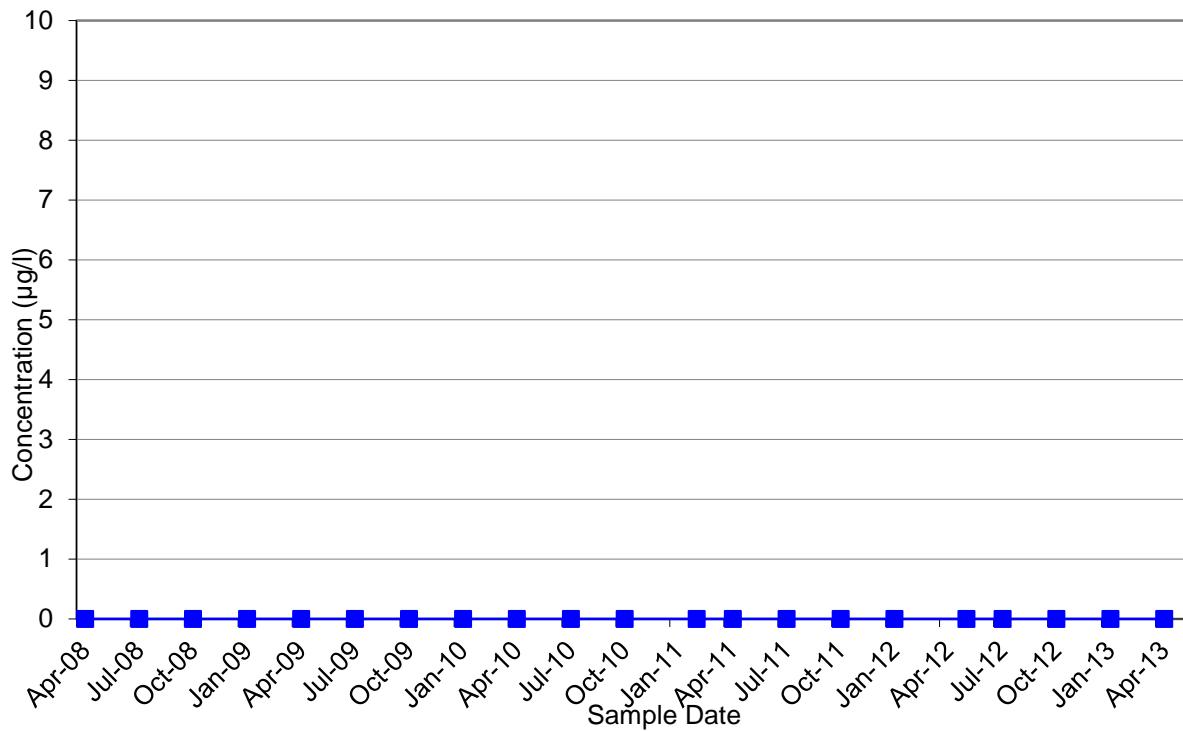
Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.
2. No sample was collected during the second quarter of 2013.

CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS

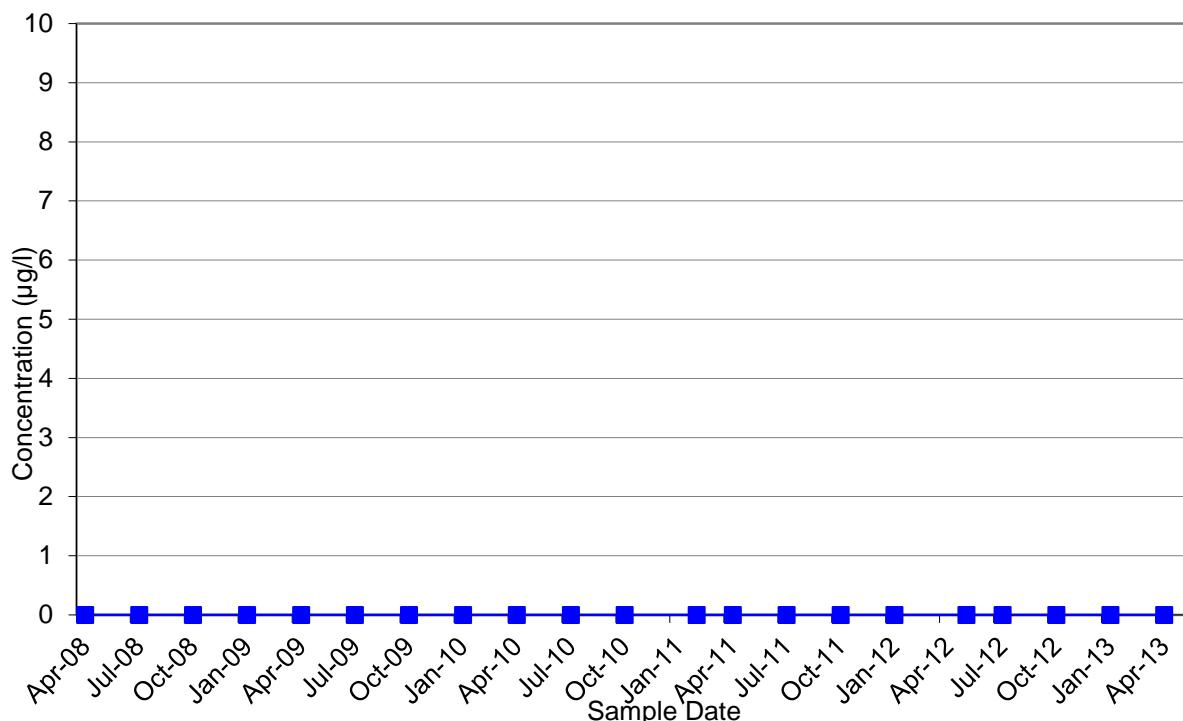
**1,1,1-TRICHLOROETHANE**

Cleanup Level (ESP) = 200 µg/l



**1,1-DICHLOROETHANE**

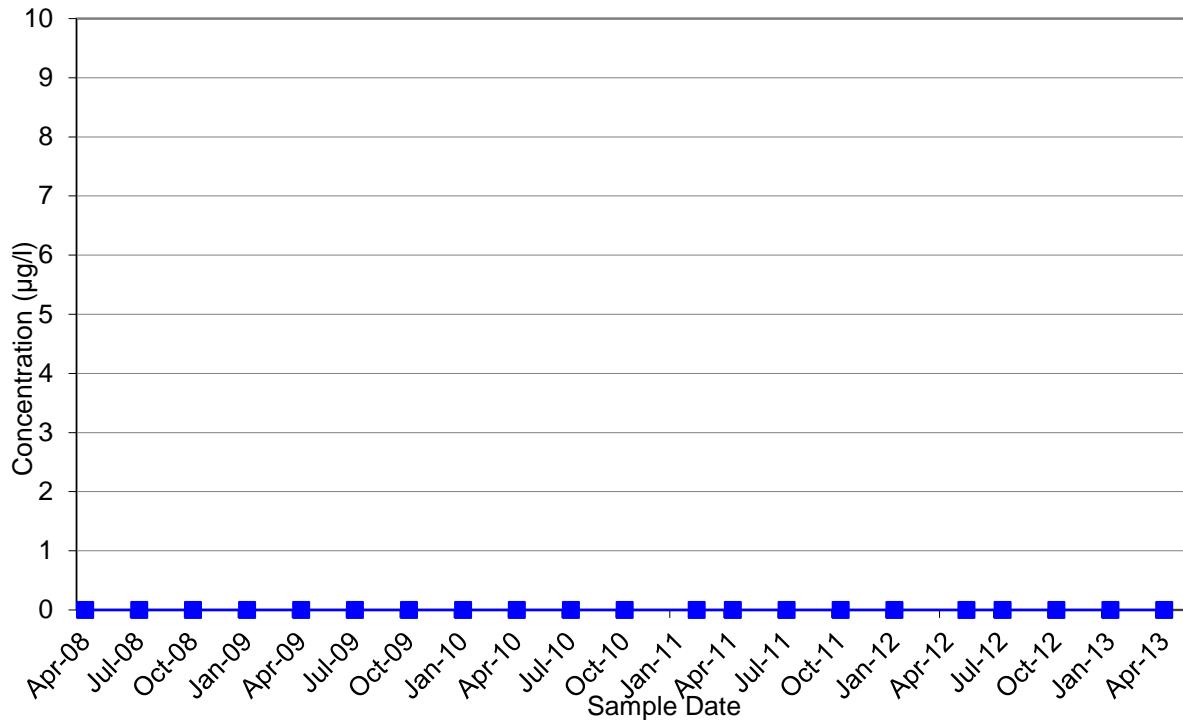
Cleanup Level (ESP) = 31 µg/l



CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS

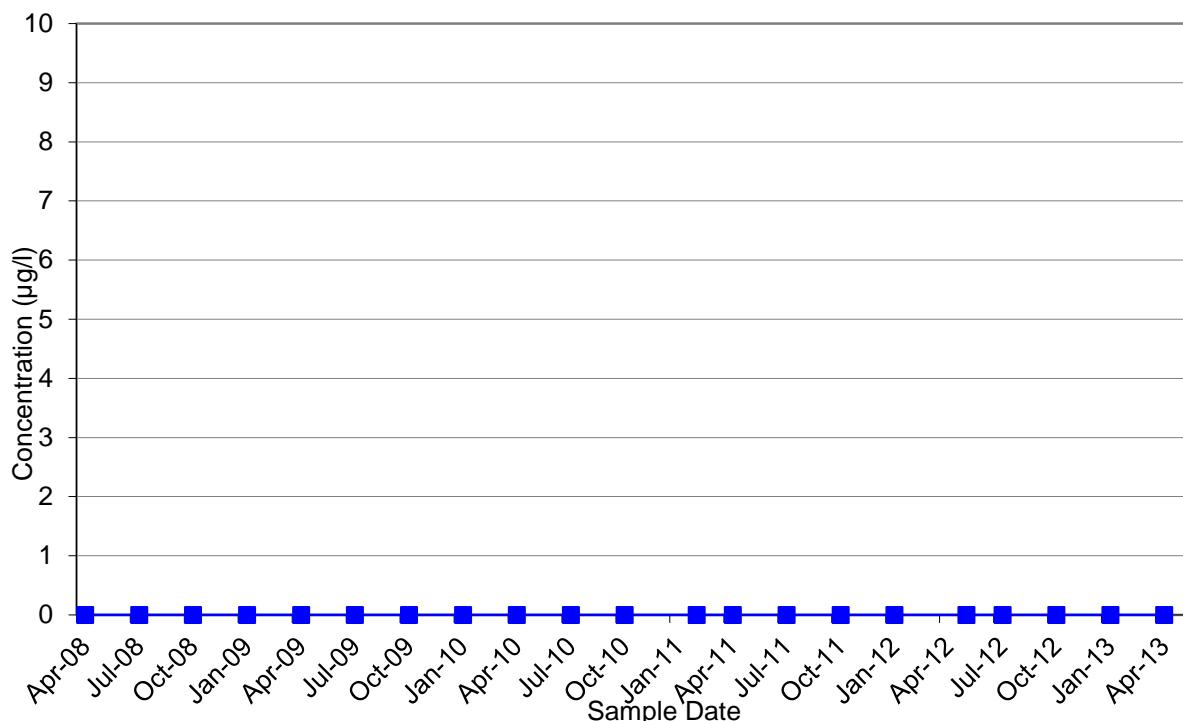
**1,1-DICHLOROETHENE**

Cleanup Level (ESP) = 7 µg/l



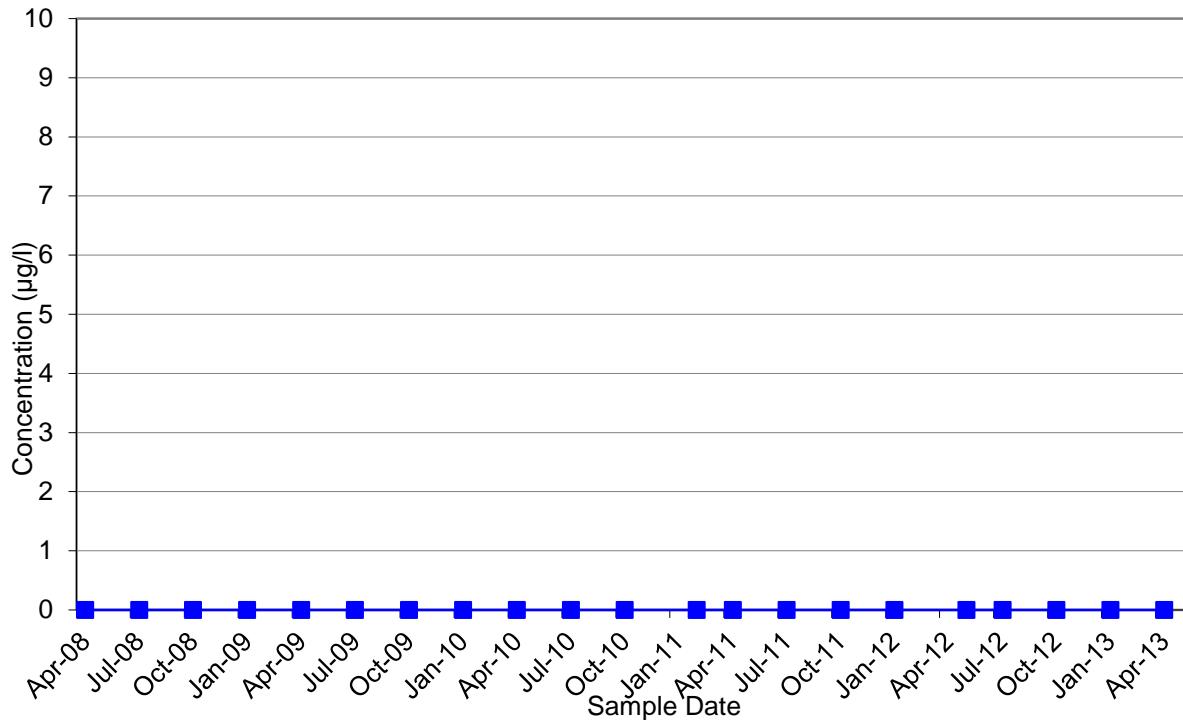
**1,2-DICHLOROETHANE**

Cleanup Level (ESP) = 5 µg/l

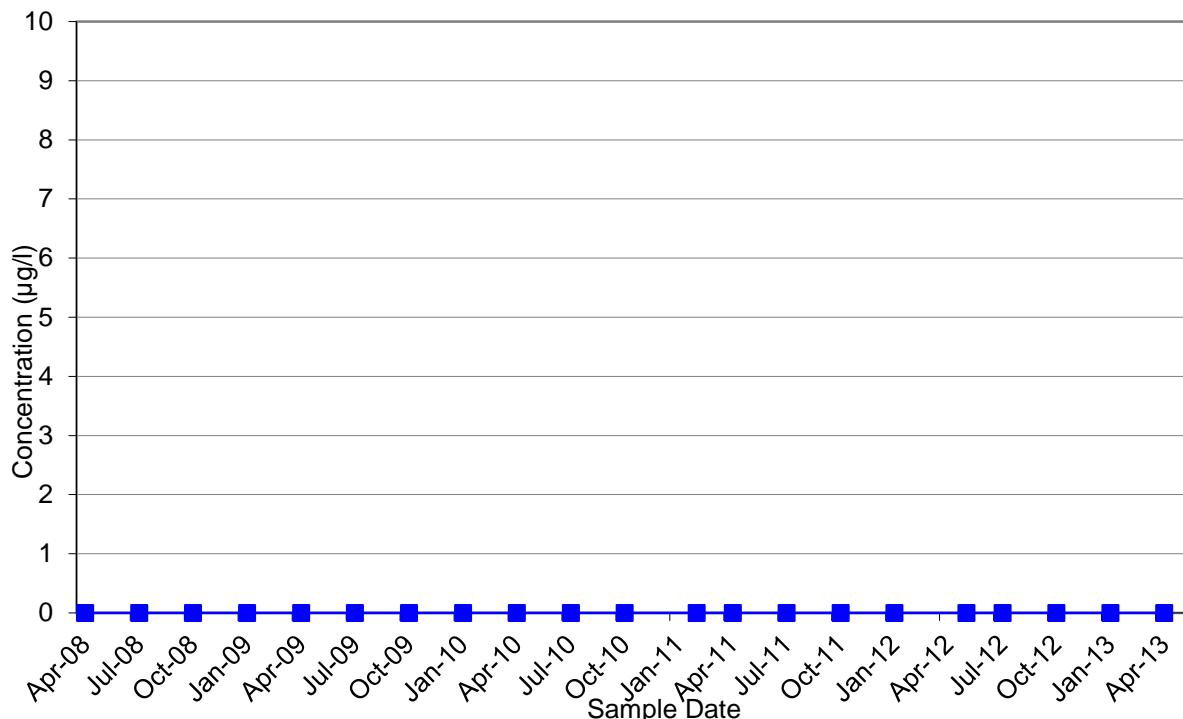


CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS

**1,2-DICHLOROPROPANE**  
Cleanup Level (ESP) = 5 µg/l

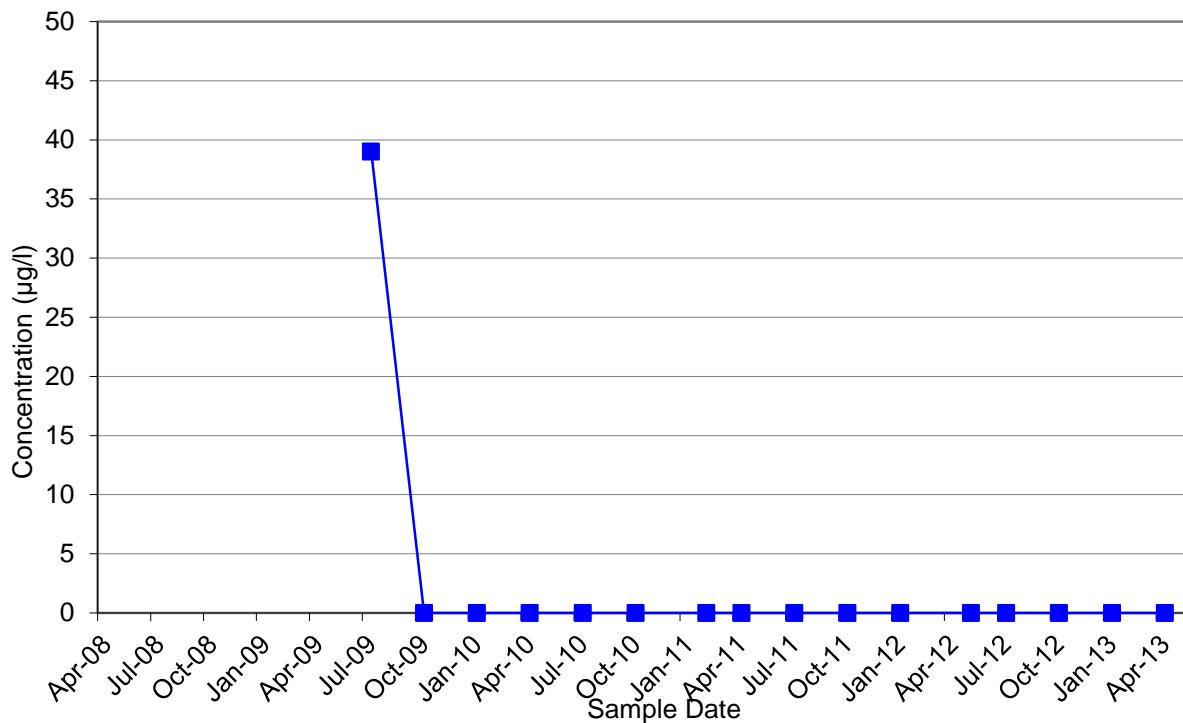


**1,4-DICHLOROBENZENE**  
Cleanup Level (ESP) = 75 µg/l



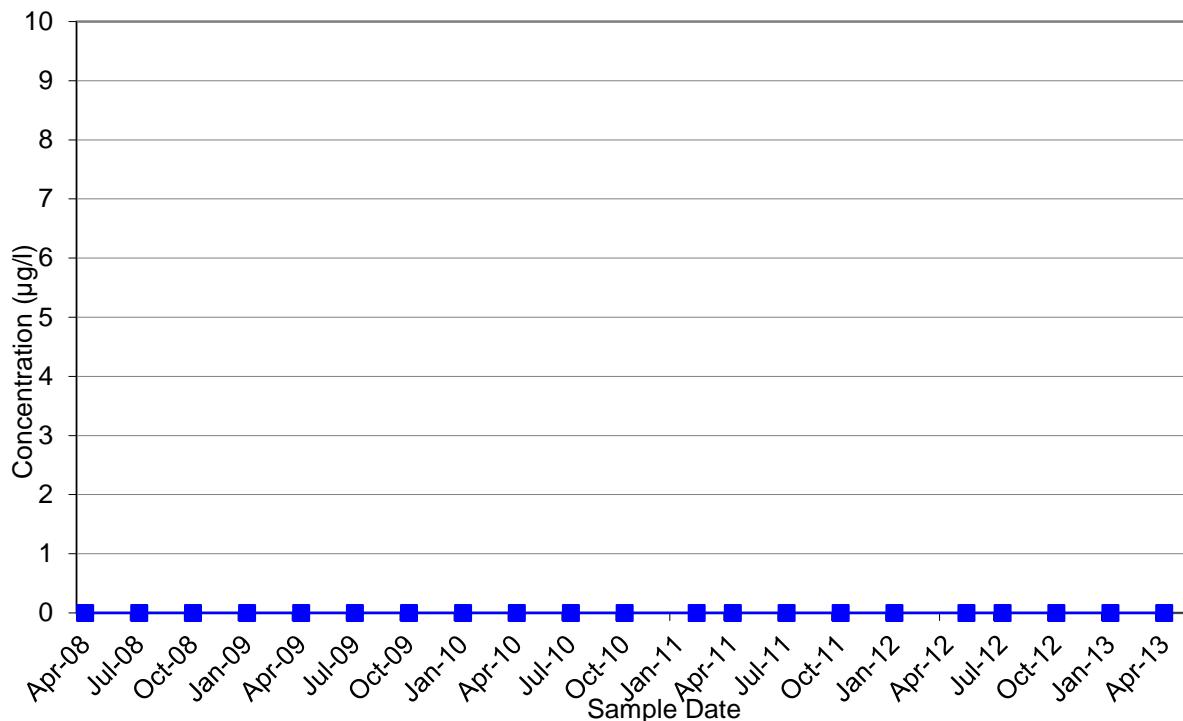
CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS

**1,4-DIOXANE**



**BENZENE**

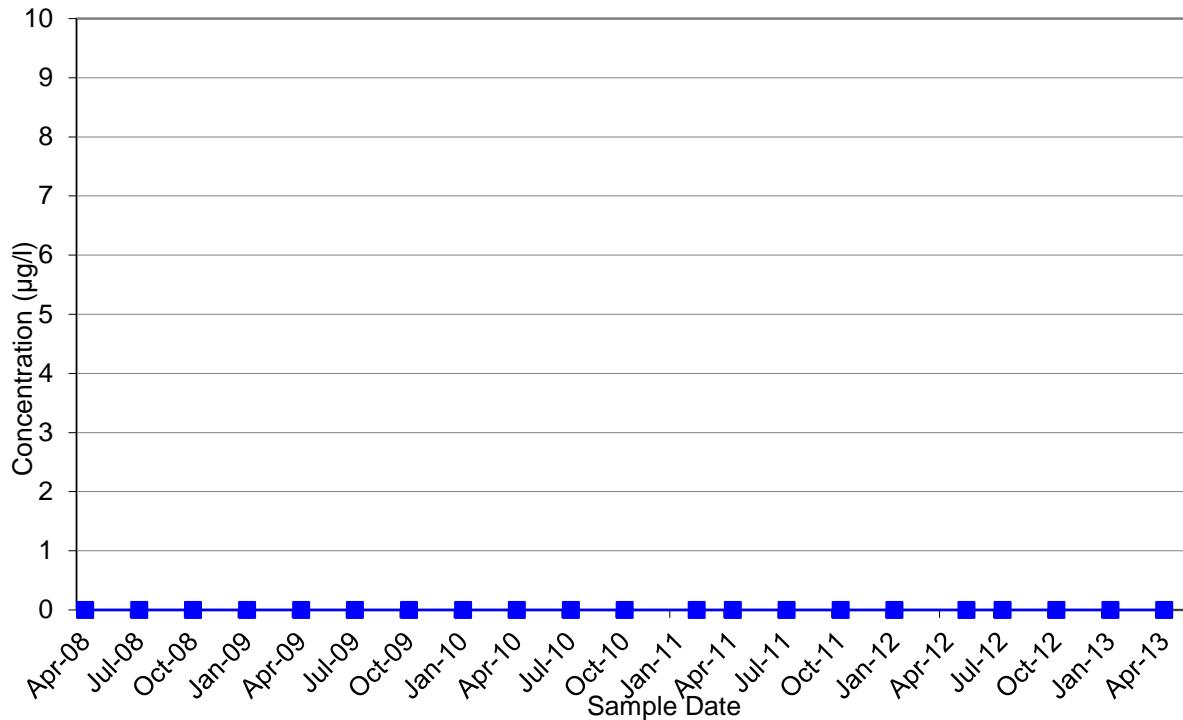
Cleanup Level (ESP) = 5  $\mu\text{g/l}$



CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS

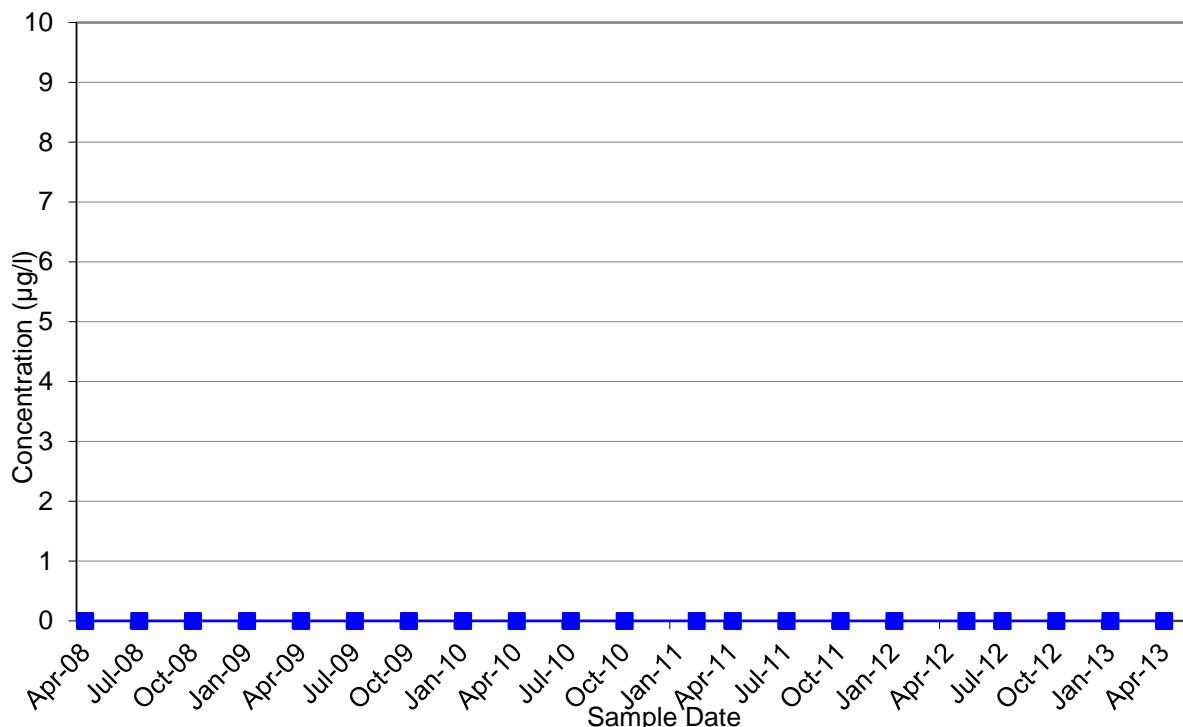
**CARBON TETRACHLORIDE**

Cleanup Level (ESP) = 5 µg/l



**CHLOROBENZENE**

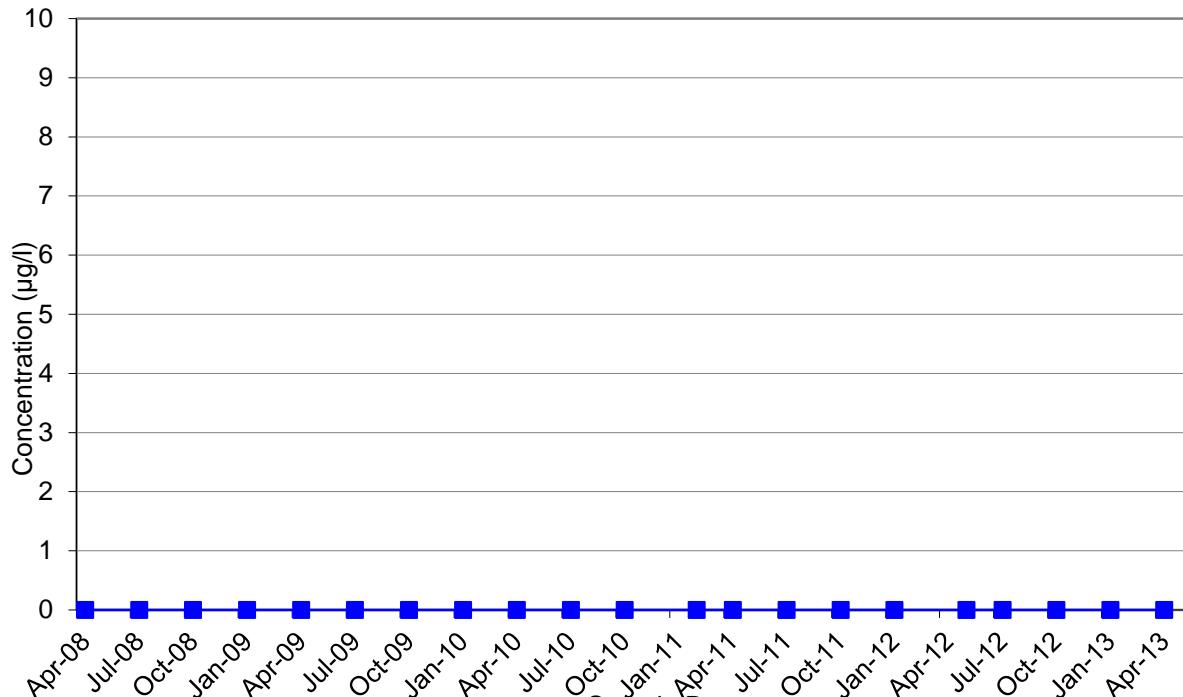
Cleanup Level (ESP) = 100 µg/l



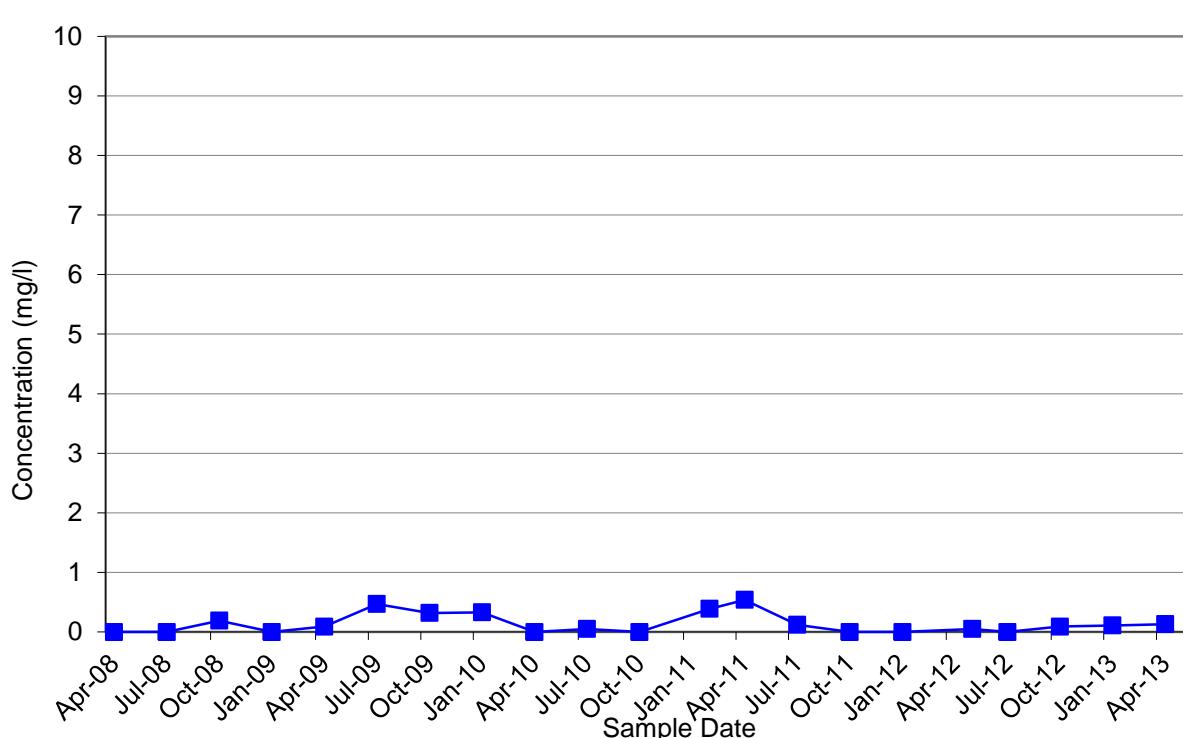
CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS

**cis 1,2-DICHLOROETHENE**

Cleanup Level (ESP) = 70 µg/l

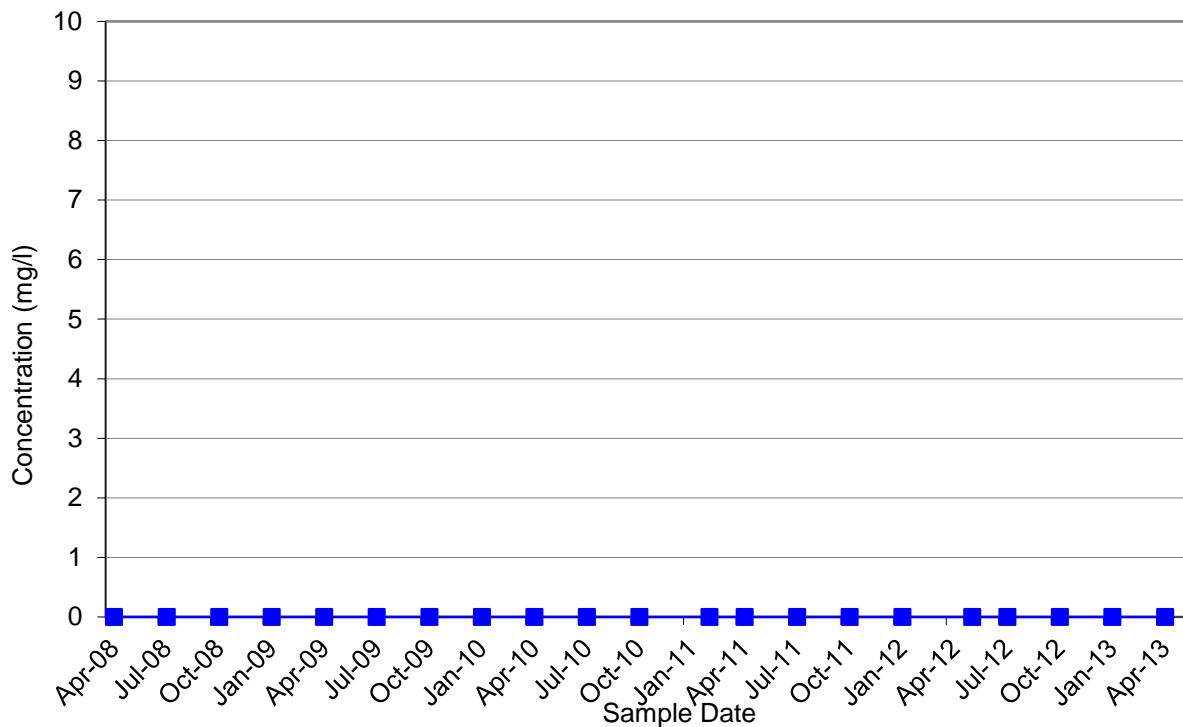


**IRON, TOTAL**

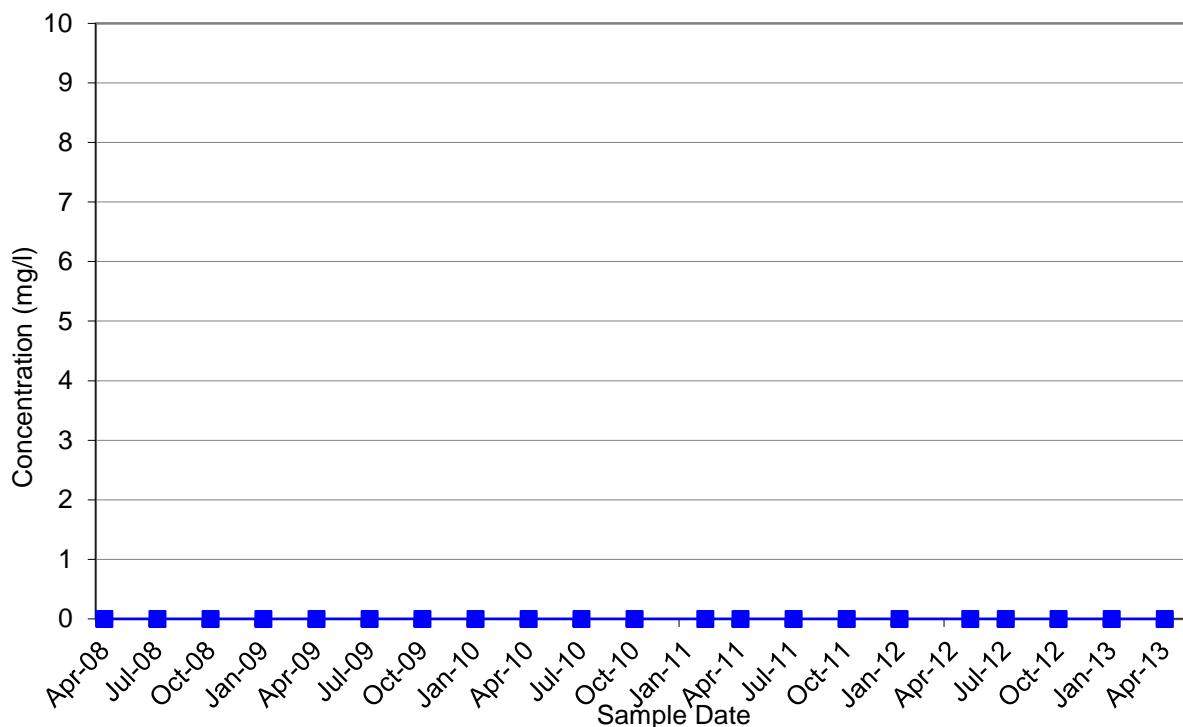


CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS

**IRON, DISSOLVED**

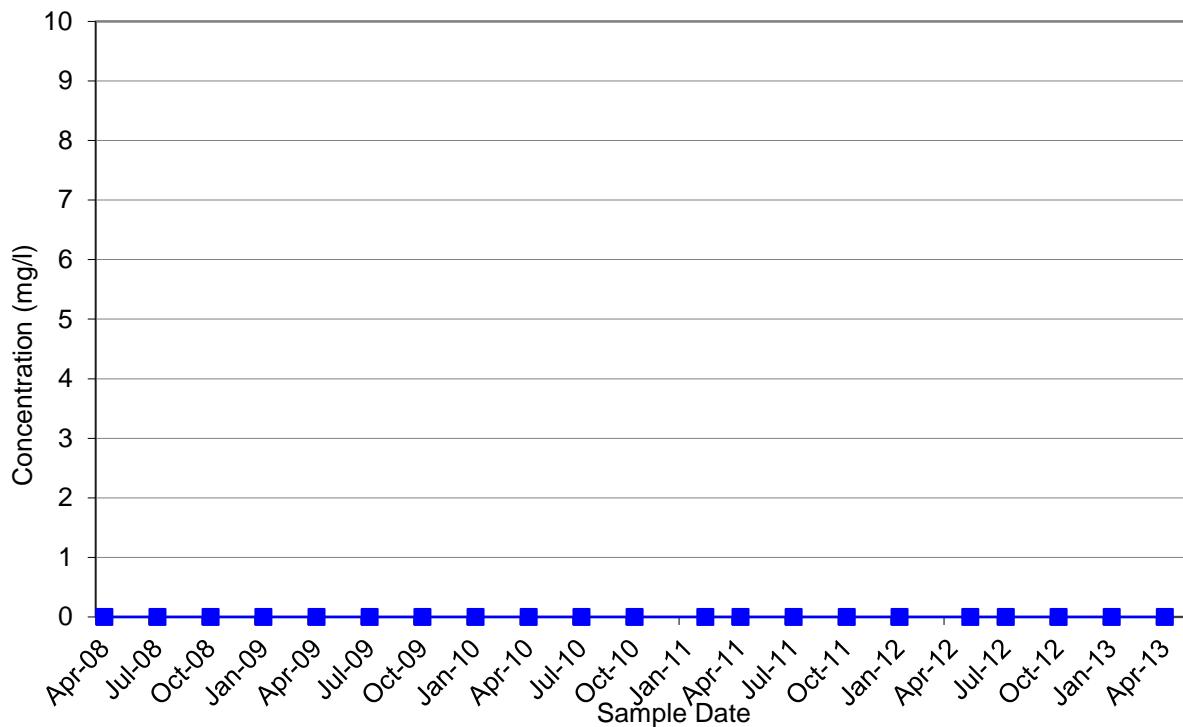


**MANGANESE, TOTAL**



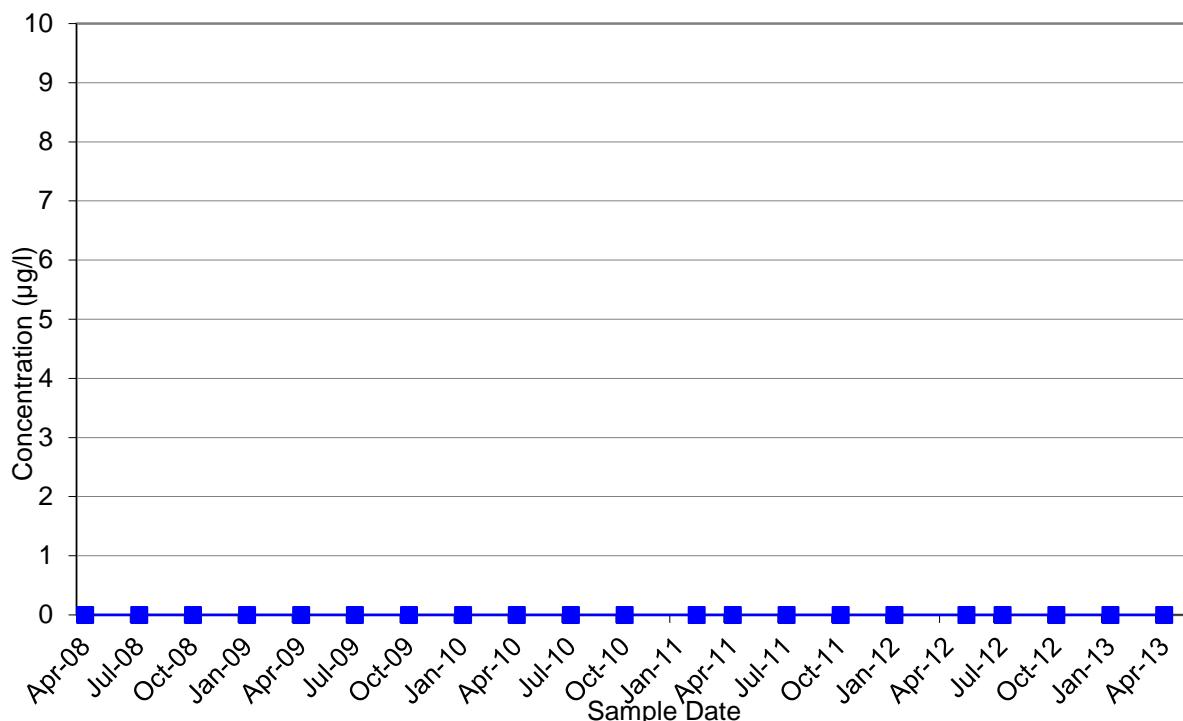
CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS

**MANGANESE, DISSOLVED**



**METHYLENE CHLORIDE**

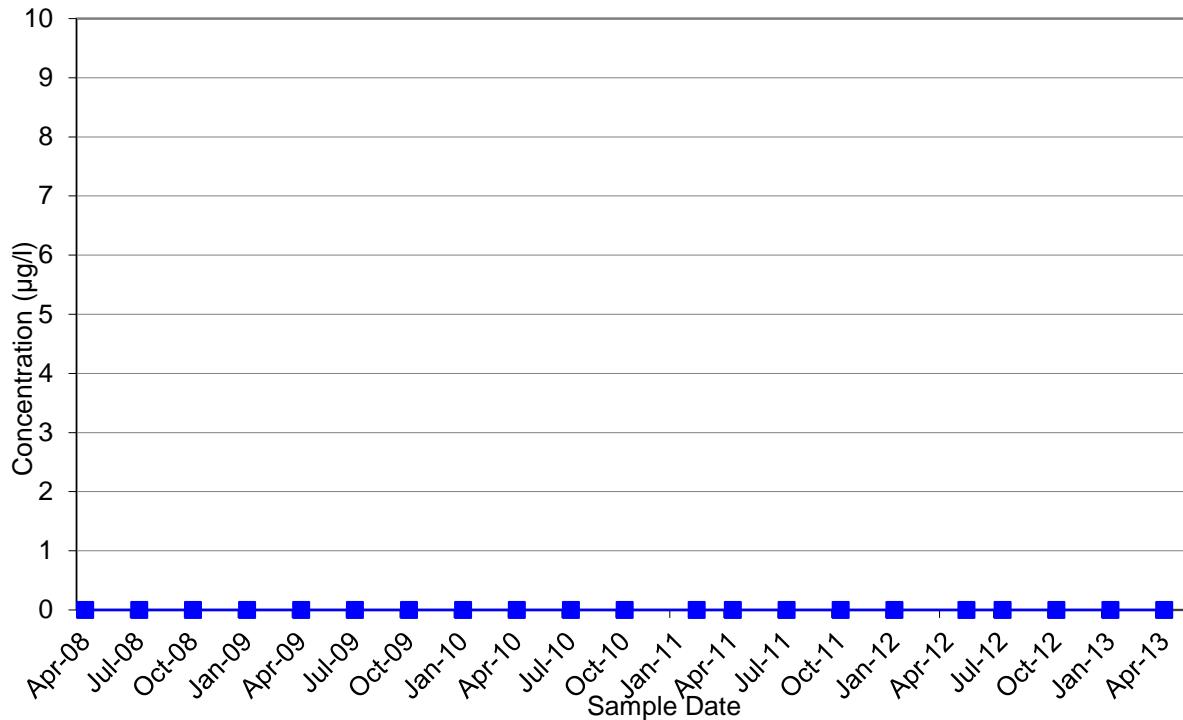
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS

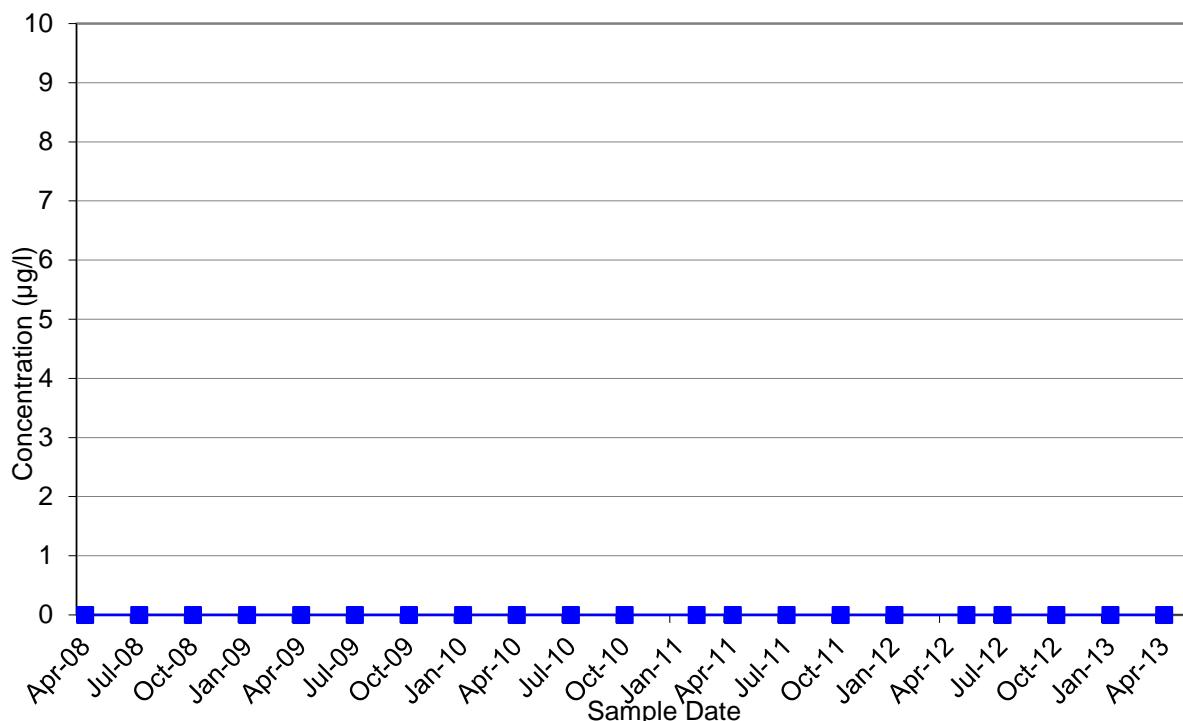
**TETRACHLOROETHENE**

Cleanup Level (ESP) = 5  $\mu\text{g/l}$



**trans 1,2-DICHLOROETHENE**

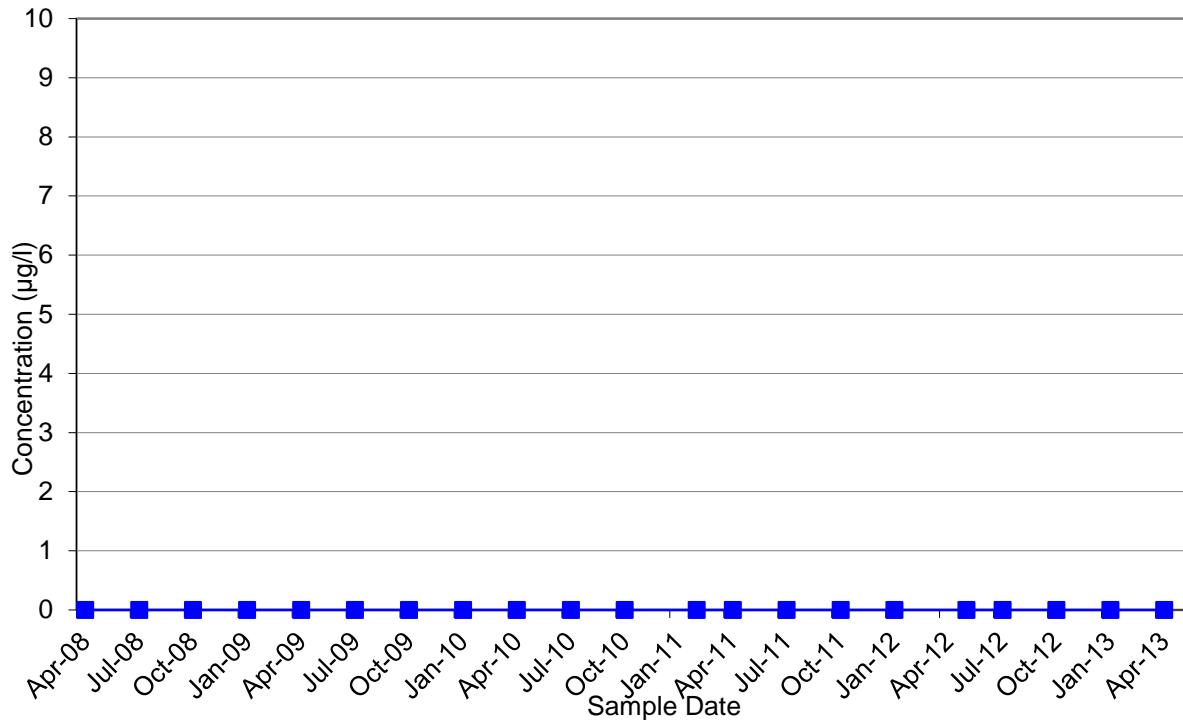
Cleanup Level (ESP) = 100  $\mu\text{g/l}$



CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS

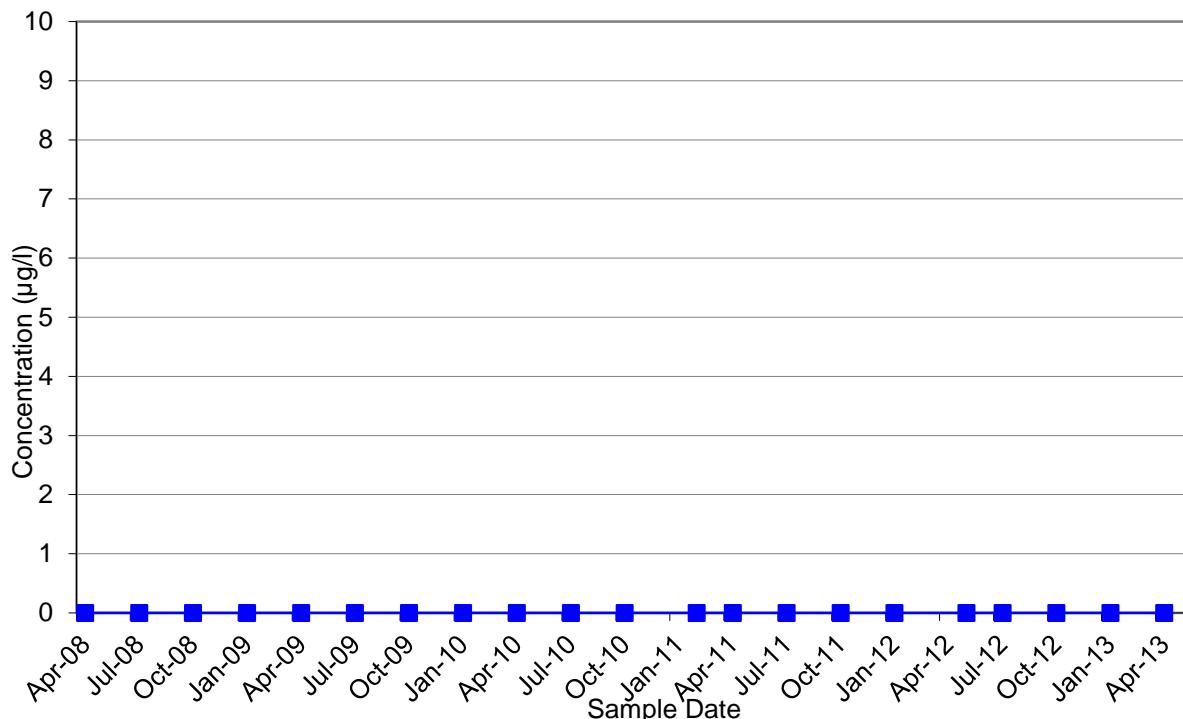
**TRICHLOROETHENE**

Cleanup Level (ESP) = 5 µg/l

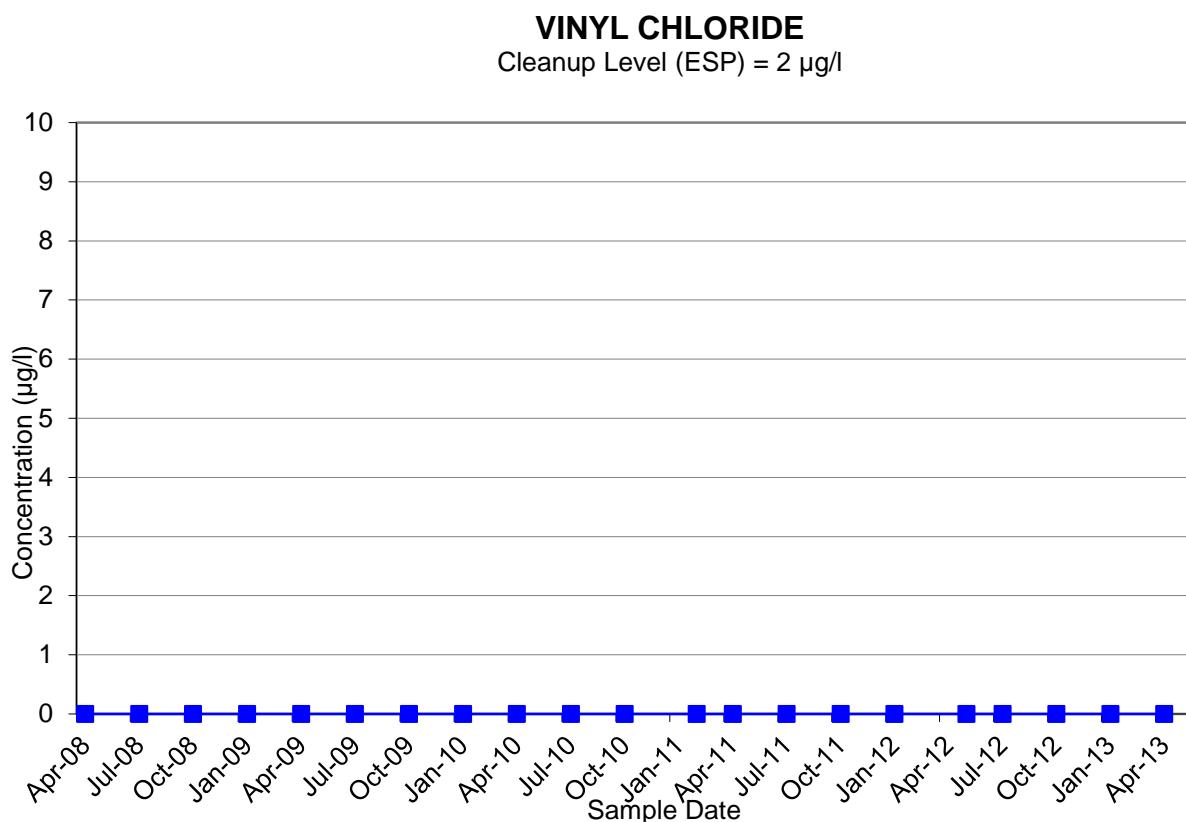


**TRICHLOROMETHANE**

Cleanup Level (ESP) = 80 µg/l



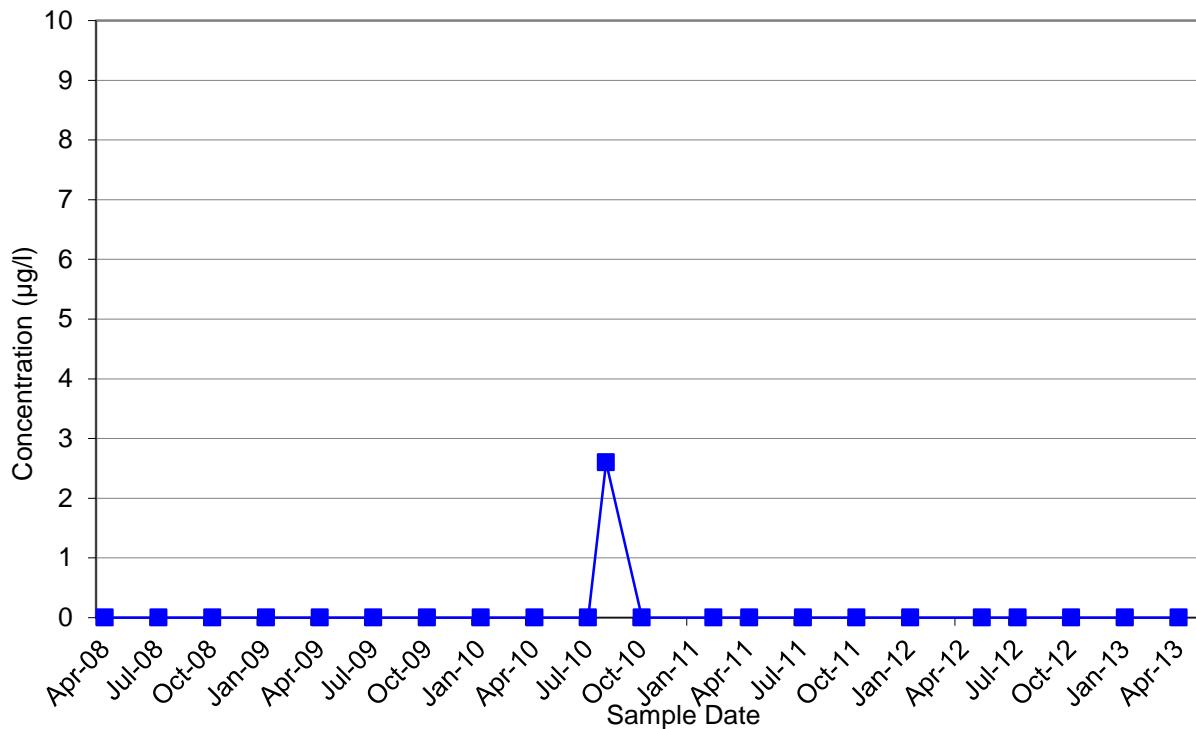
CHRIN BROTHERS LANDFILL  
DM-4R  
TIME SERIES CHARTS



CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS

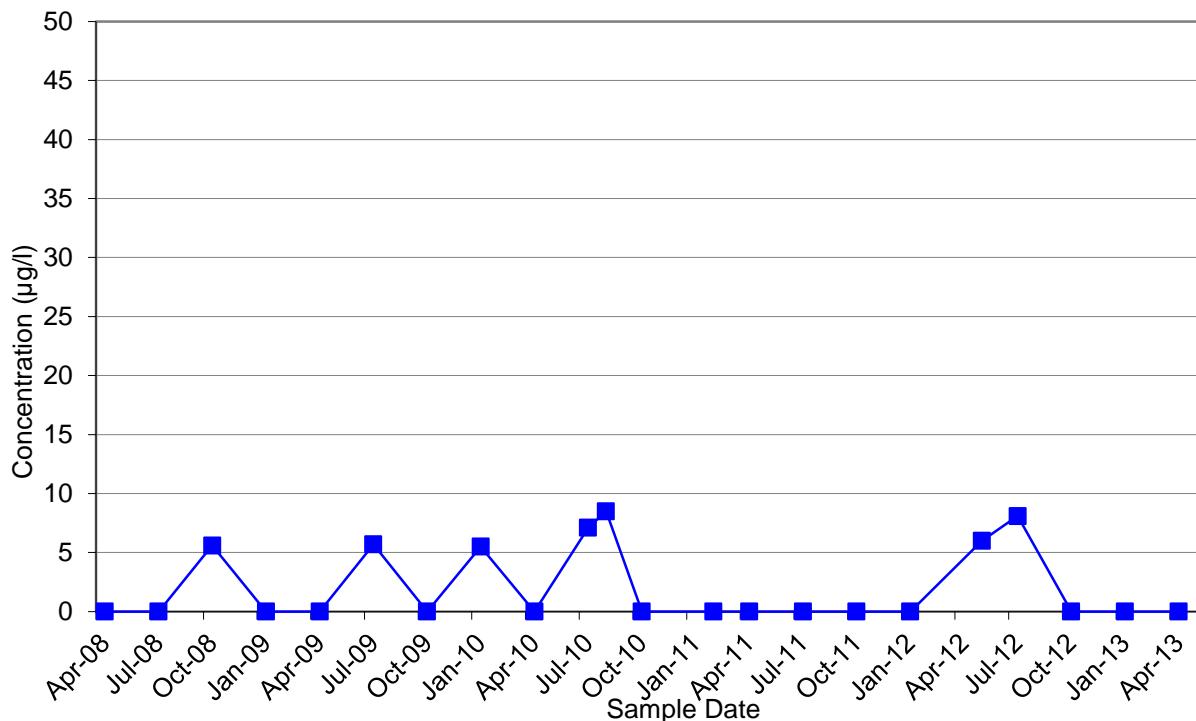
**1,1,1-TRICHLOROETHANE**

Cleanup Level (ESP) = 200 µg/l



**1,1-DICHLOROETHANE**

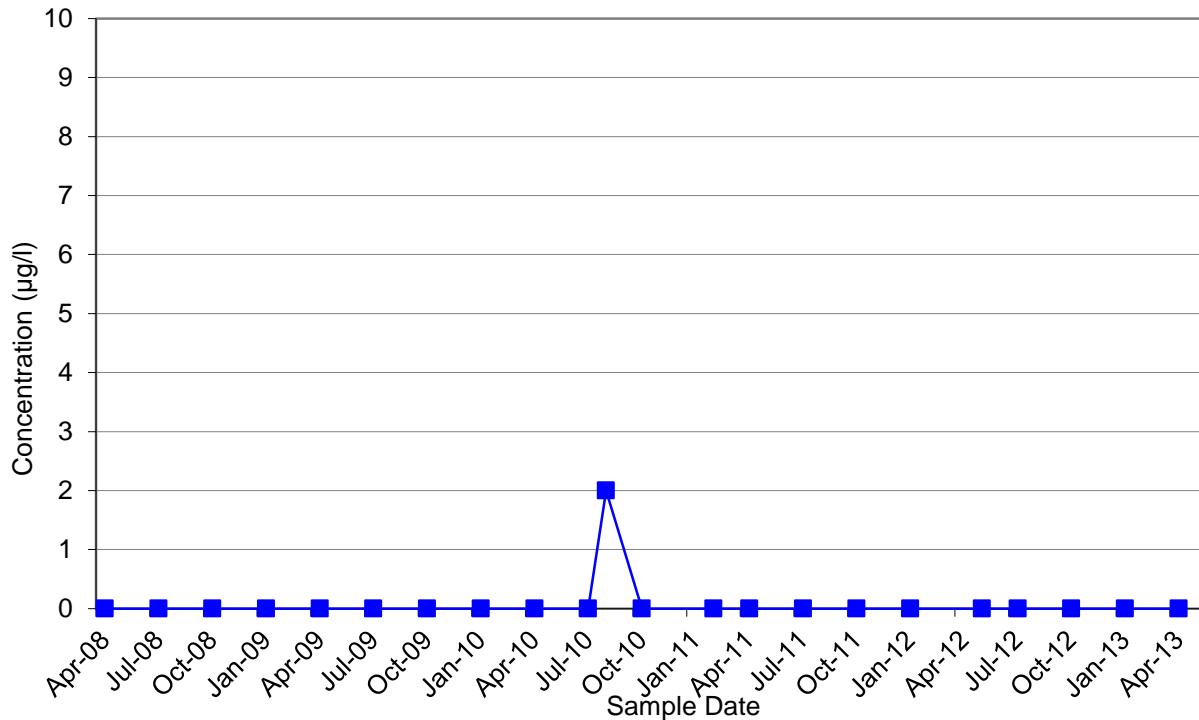
Cleanup Level (ESP) = 31 µg/l



CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS

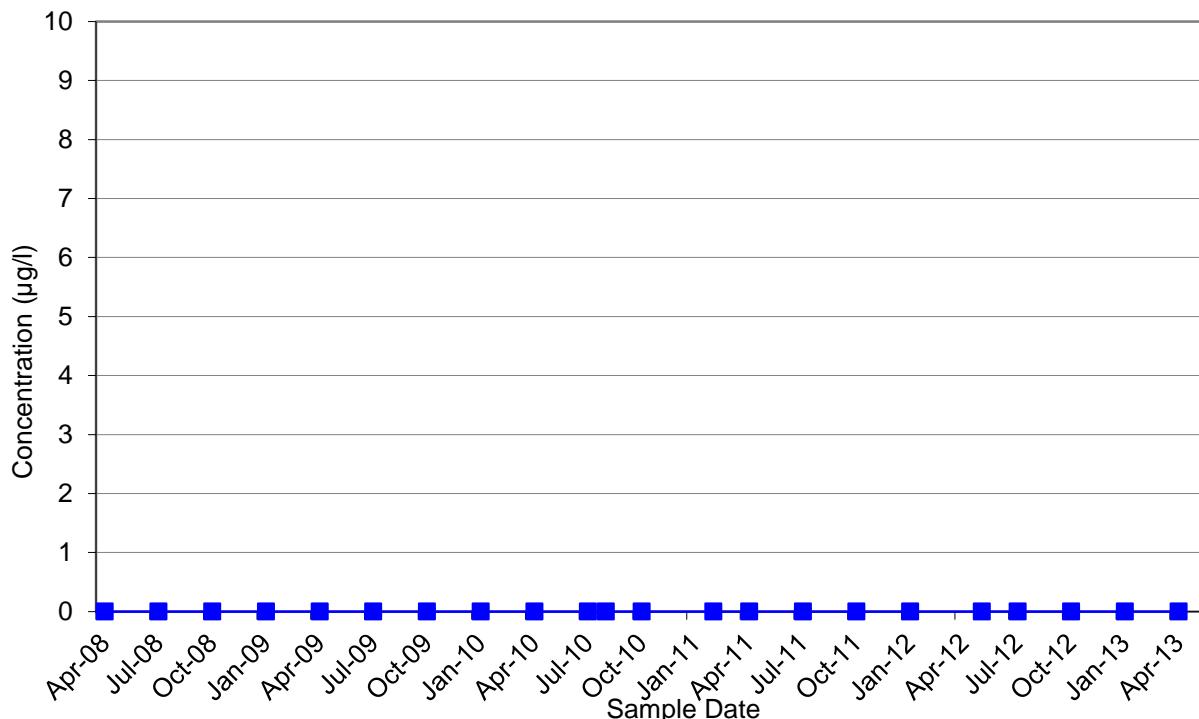
**1,1-DICHLOROETHENE**

Cleanup Level (ESP) = 7 µg/l



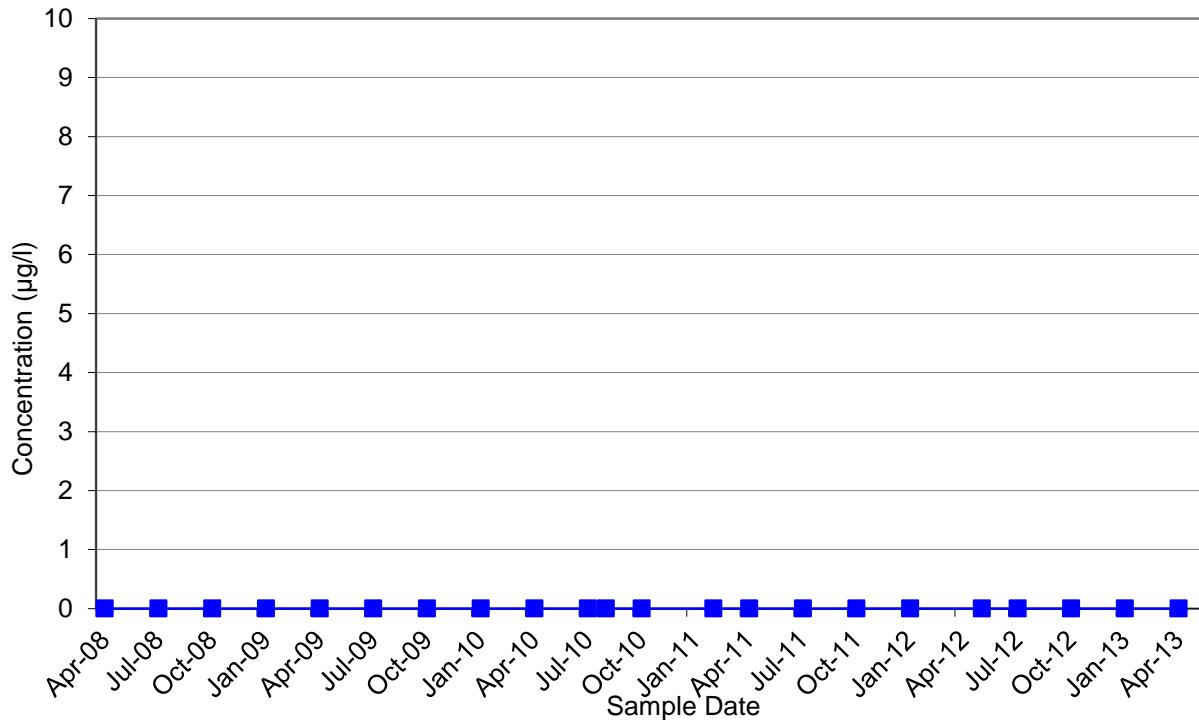
**1,2-DICHLOROETHANE**

Cleanup Level (ESP) = 5 µg/l

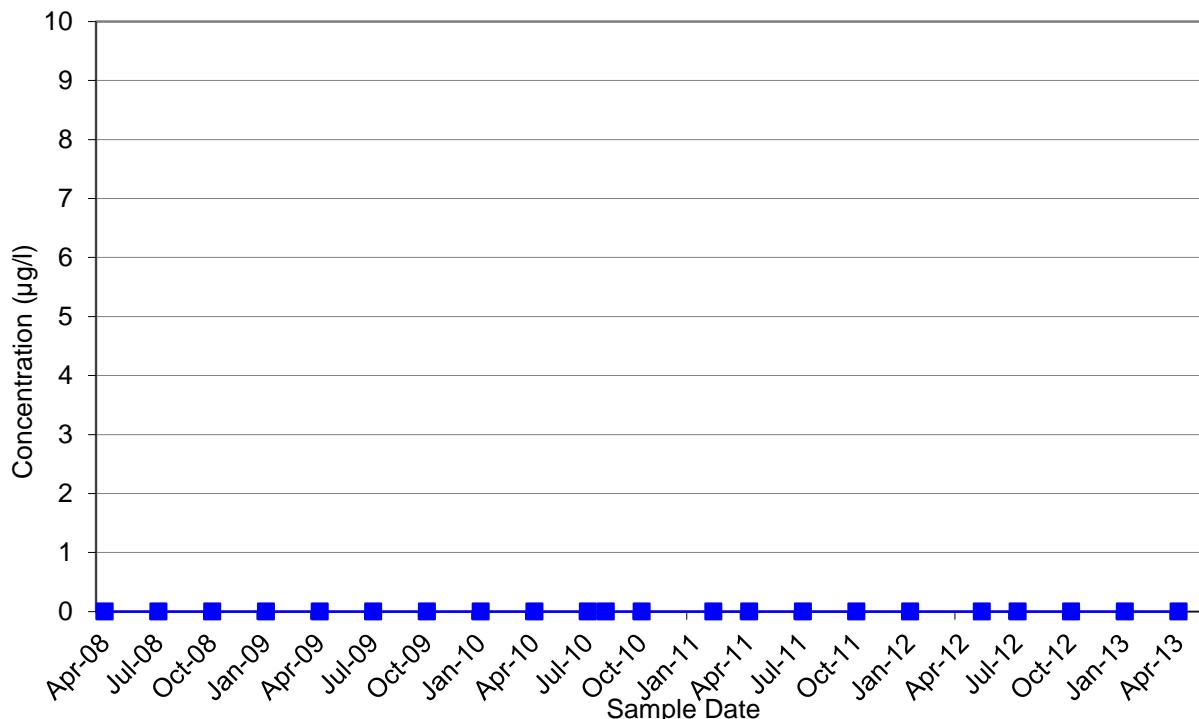


CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS

**1,2-DICHLOROPROPANE**  
Cleanup Level (ESP) = 5 µg/l

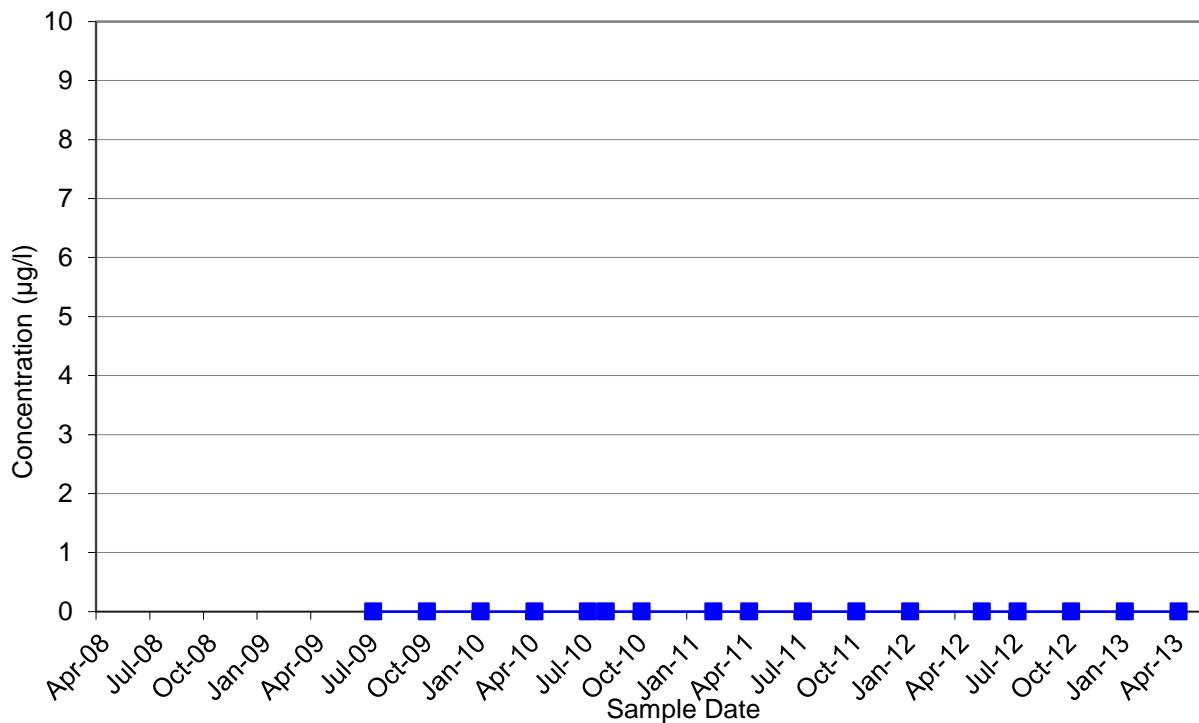


**1,4-DICHLOROBENZENE**  
Cleanup Level (ESP) = 75 µg/l



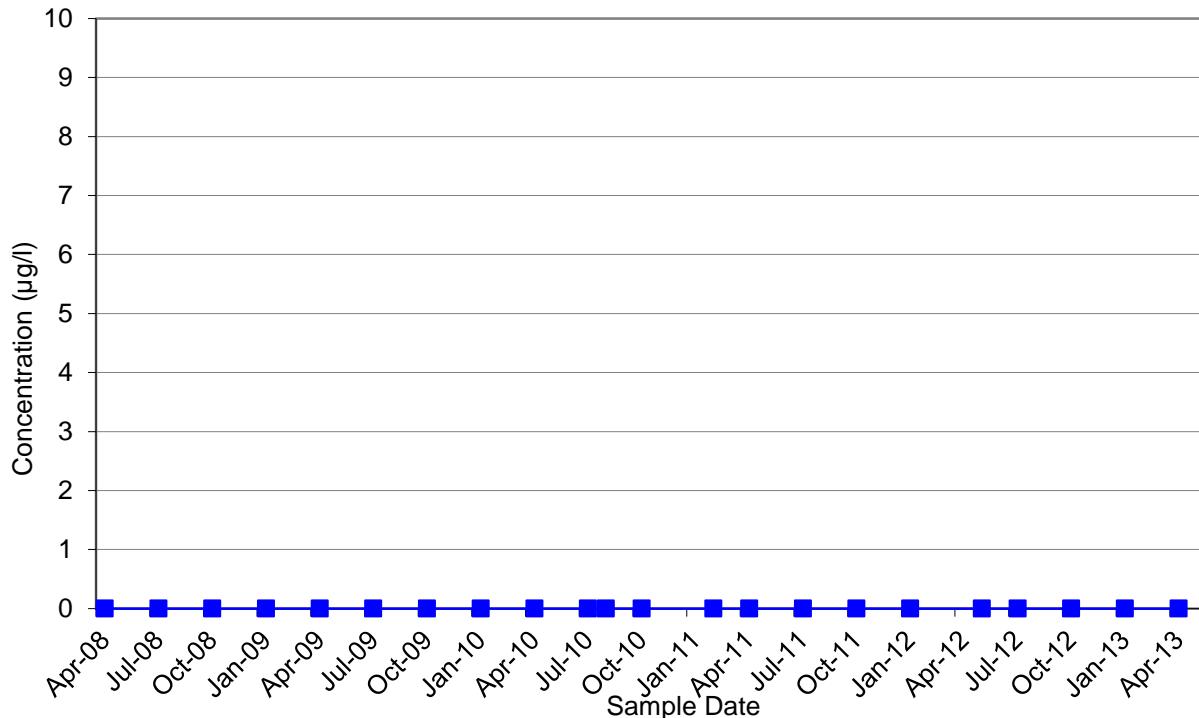
CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS

**1,4-DIOXANE**



**BENZENE**

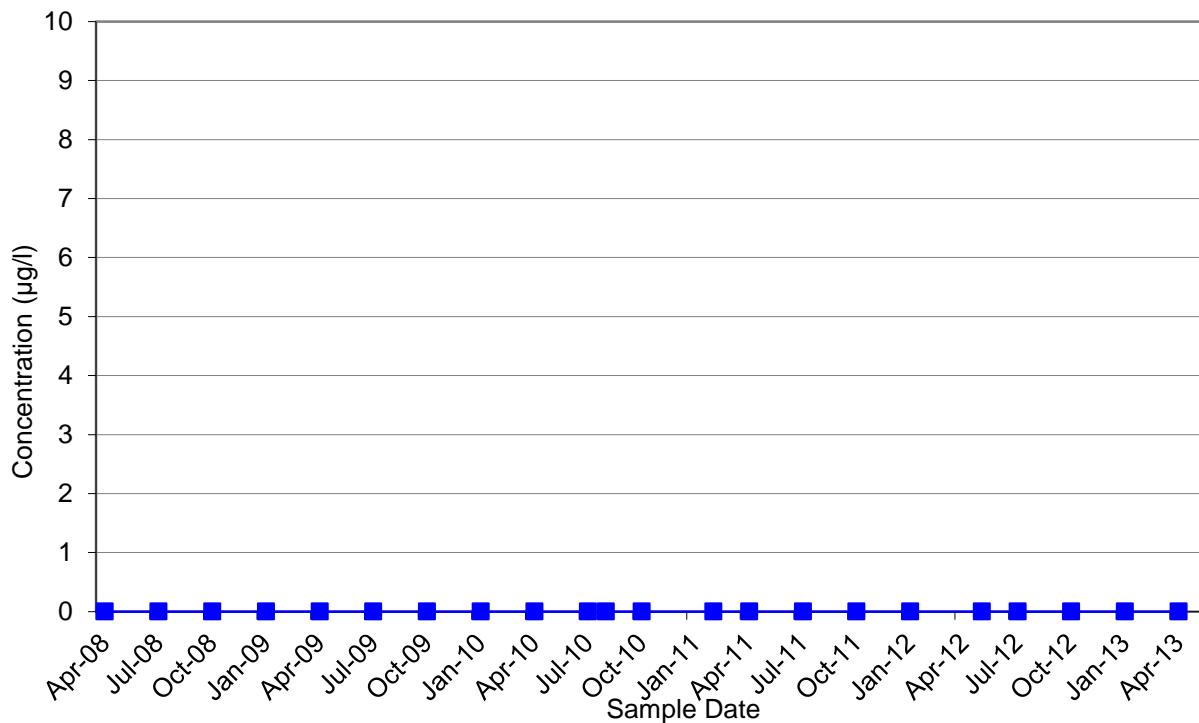
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS

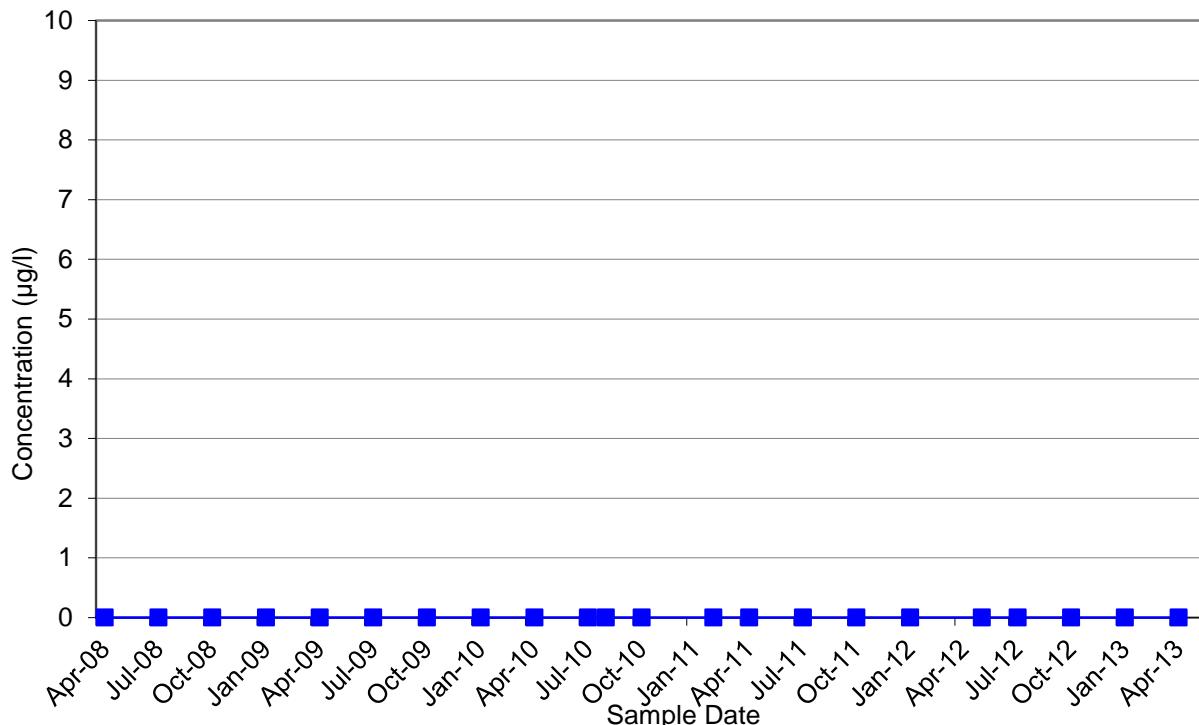
**CARBON TETRACHLORIDE**

Cleanup Level (ESP) = 5 µg/l



**CHLOROBENZENE**

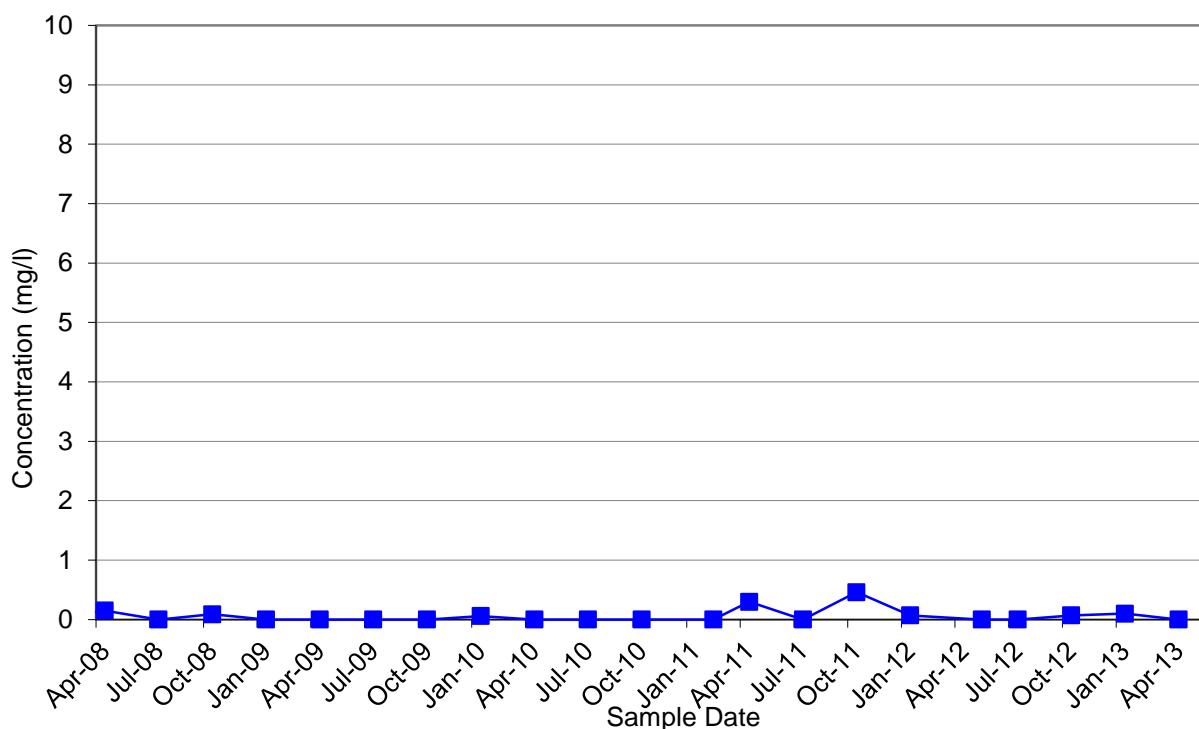
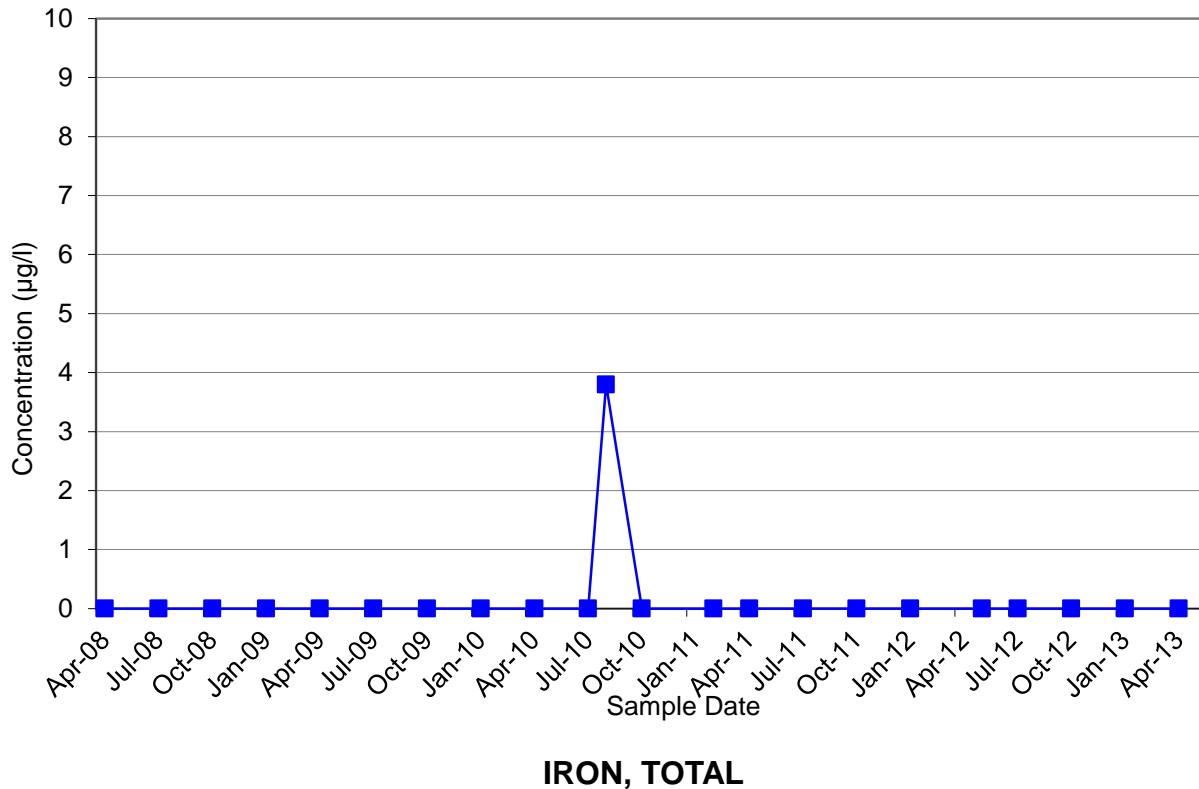
Cleanup Level (ESP) = 100 µg/l



CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS

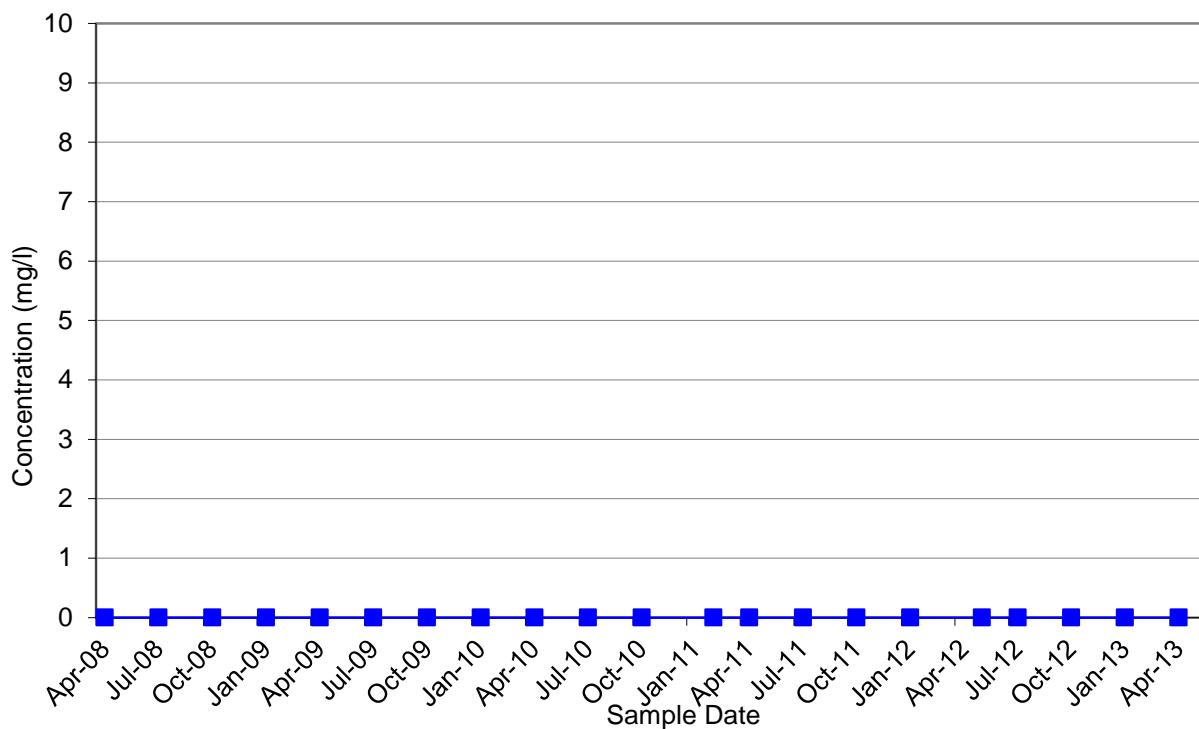
**cis 1,2-DICHLOROETHENE**

Cleanup Level (ESP) = 70 µg/l

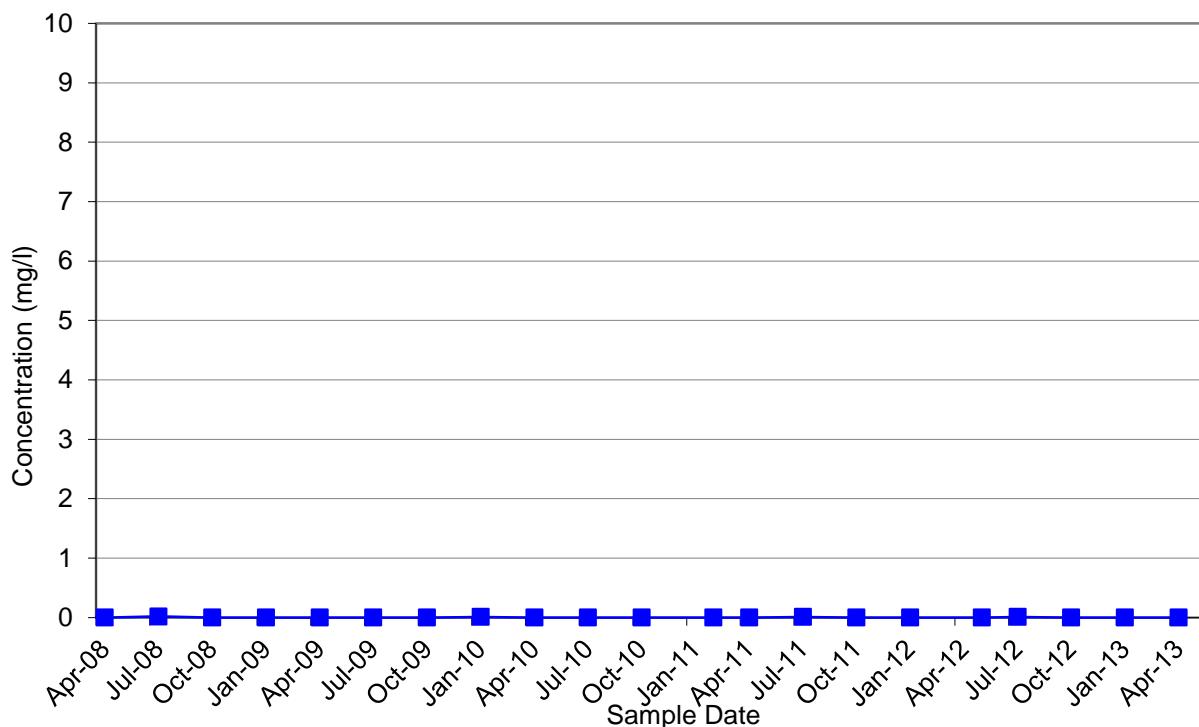


CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS

**IRON, DISSOLVED**

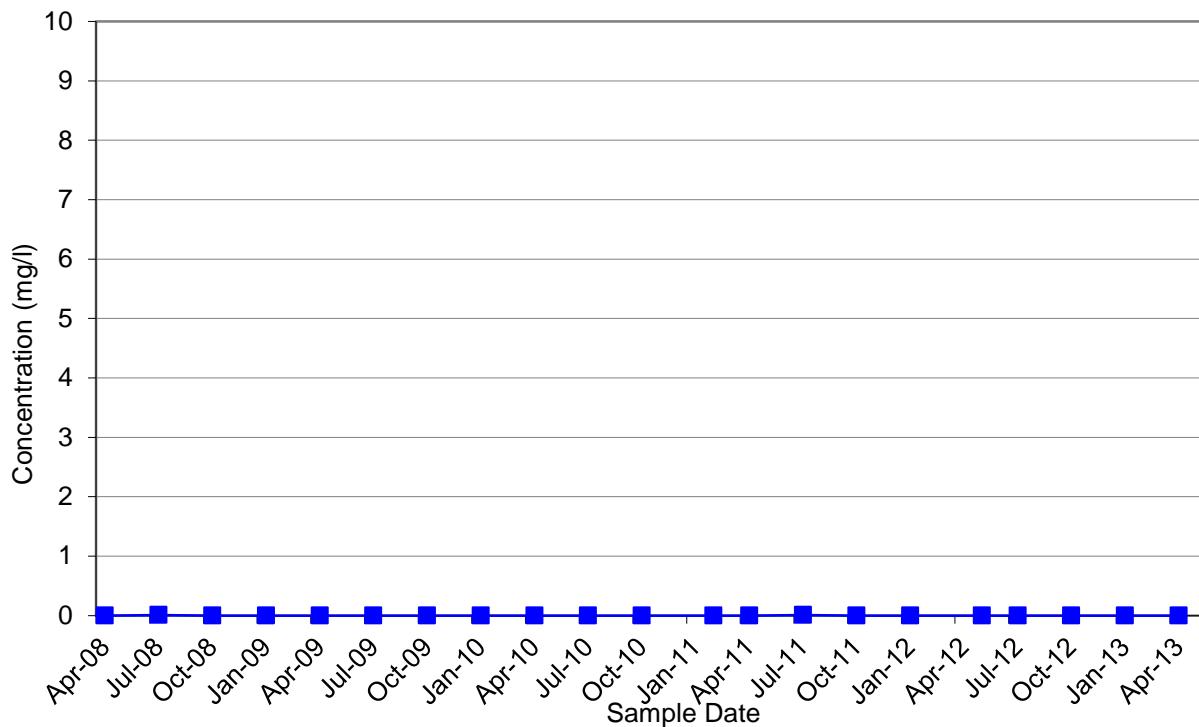


**MANGANESE, TOTAL**



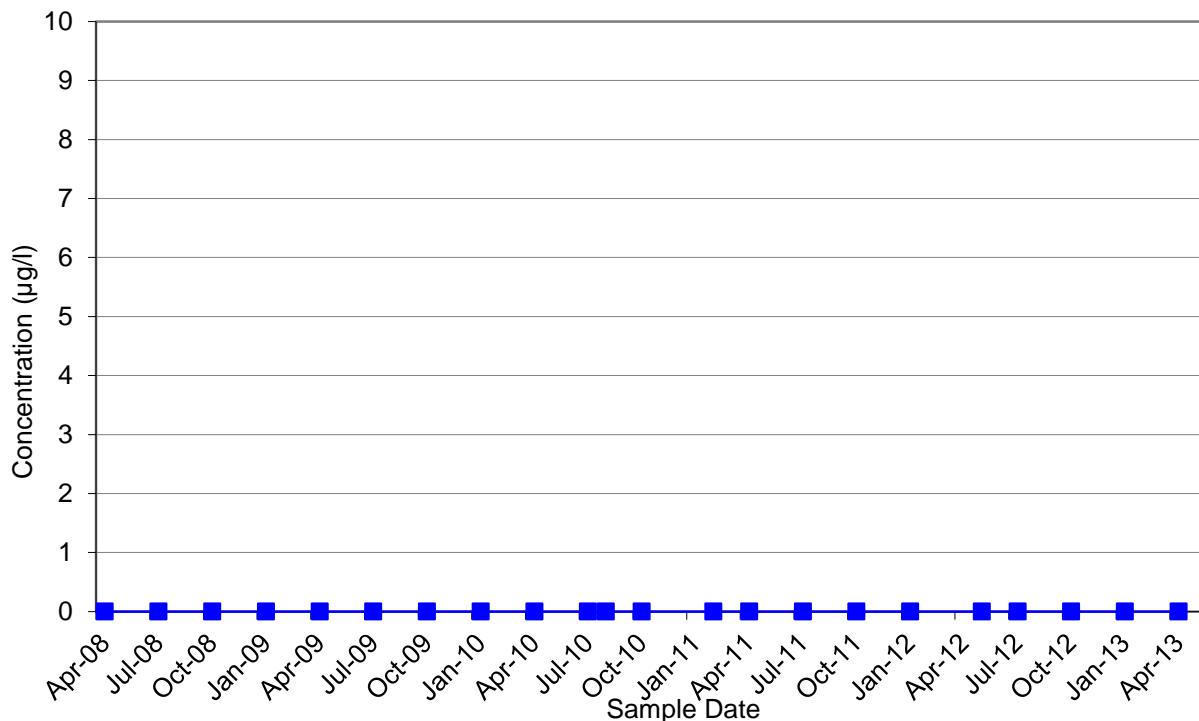
CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS

**MANGANESE, DISSOLVED**



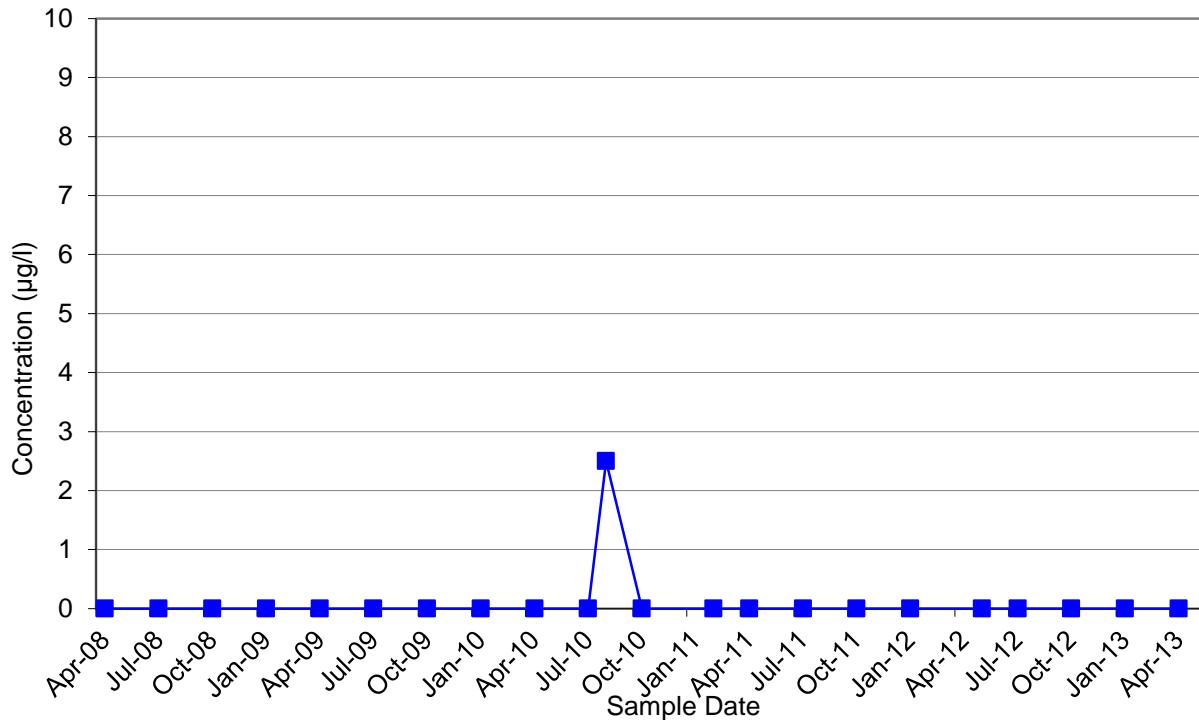
**METHYLENE CHLORIDE**

Cleanup Level (ESP) = 5 µg/l

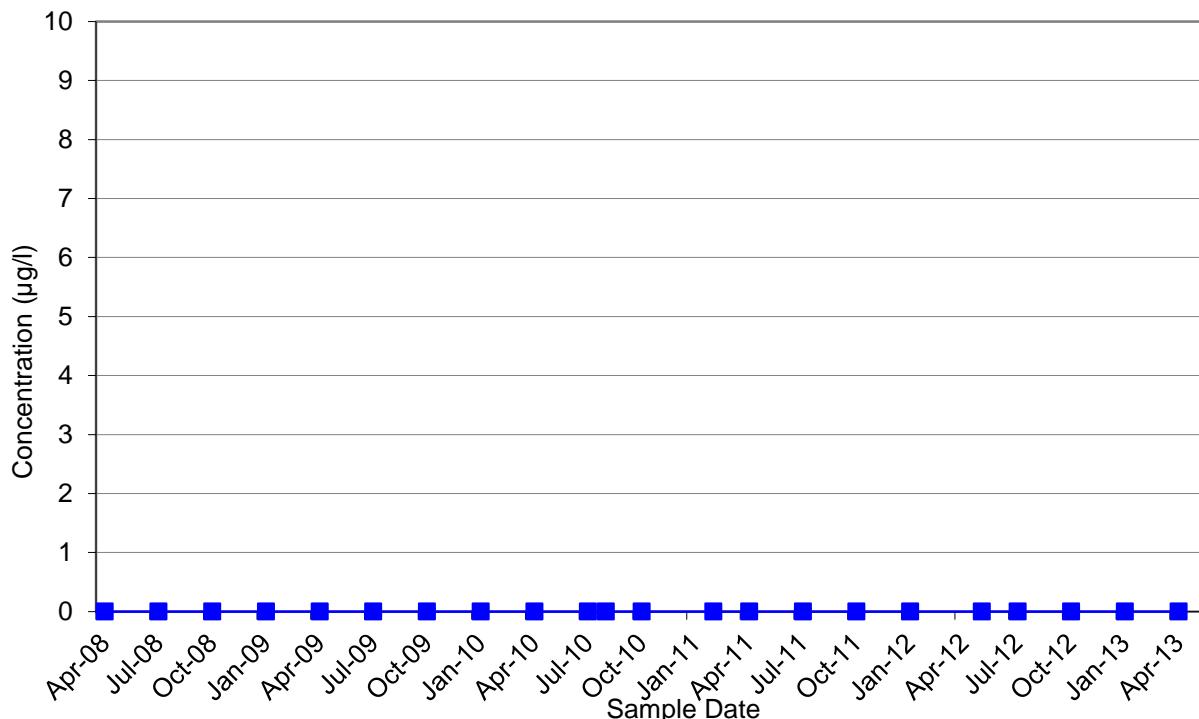


CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS

**TETRACHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l

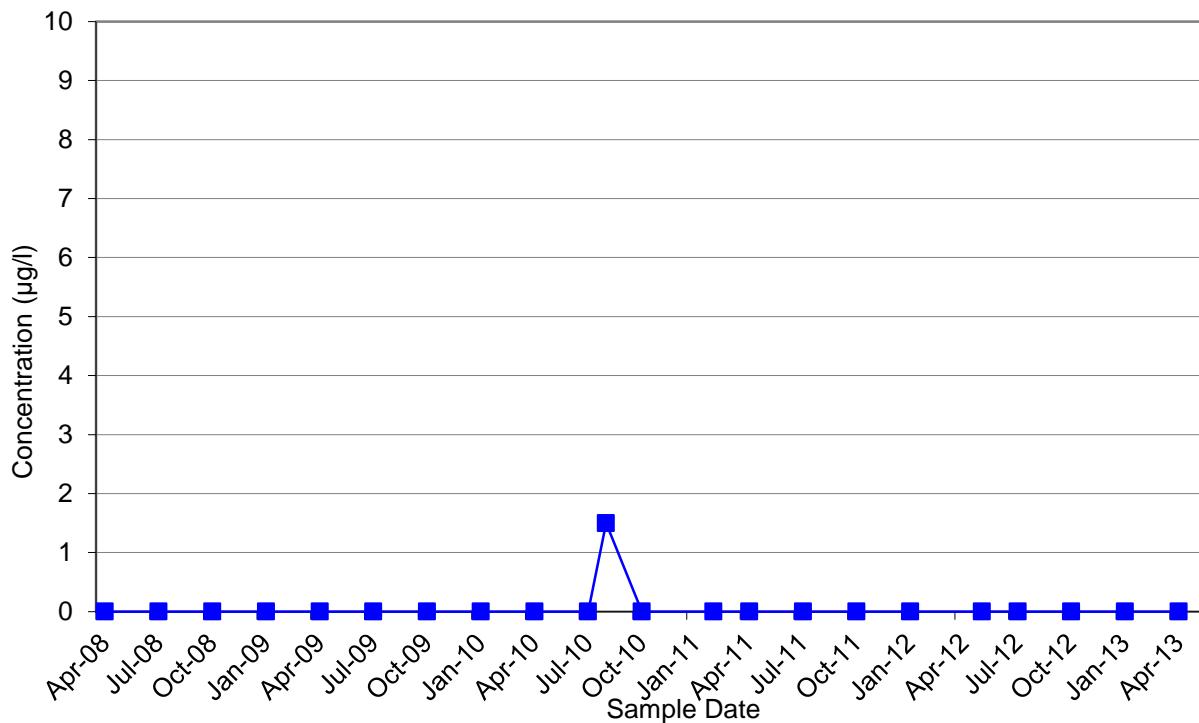


**trans 1,2-DICHLOROETHENE**  
Cleanup Level (ESP) = 100 µg/l

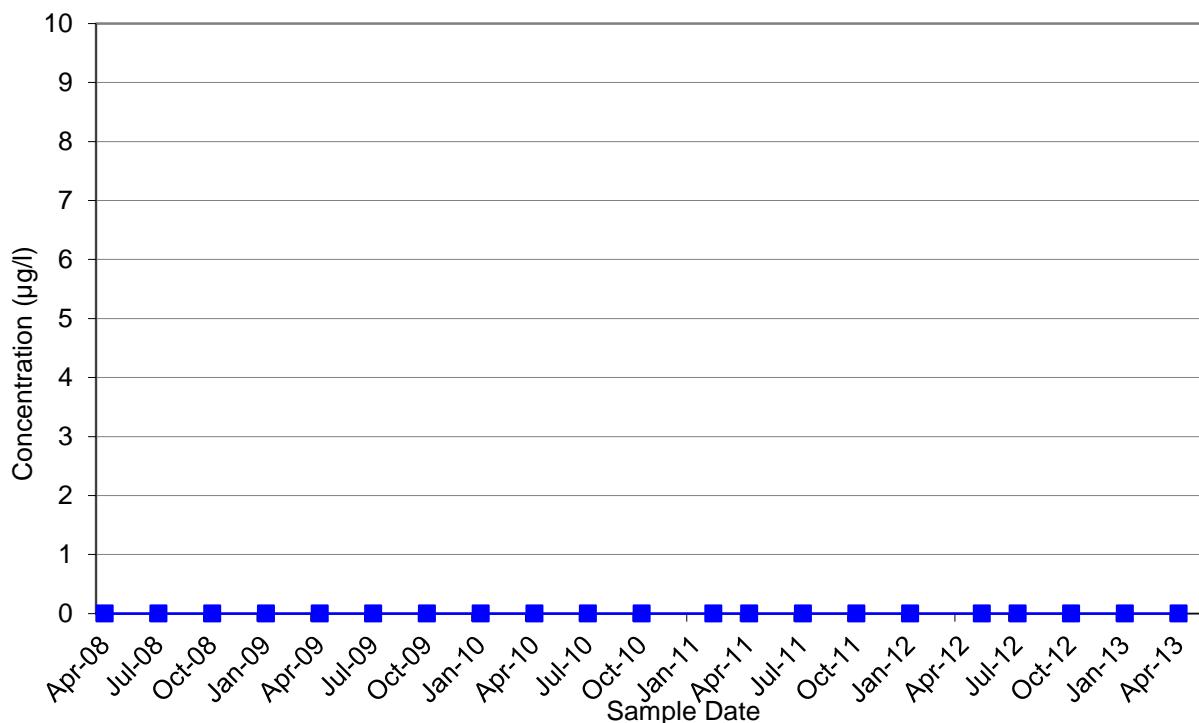


CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS

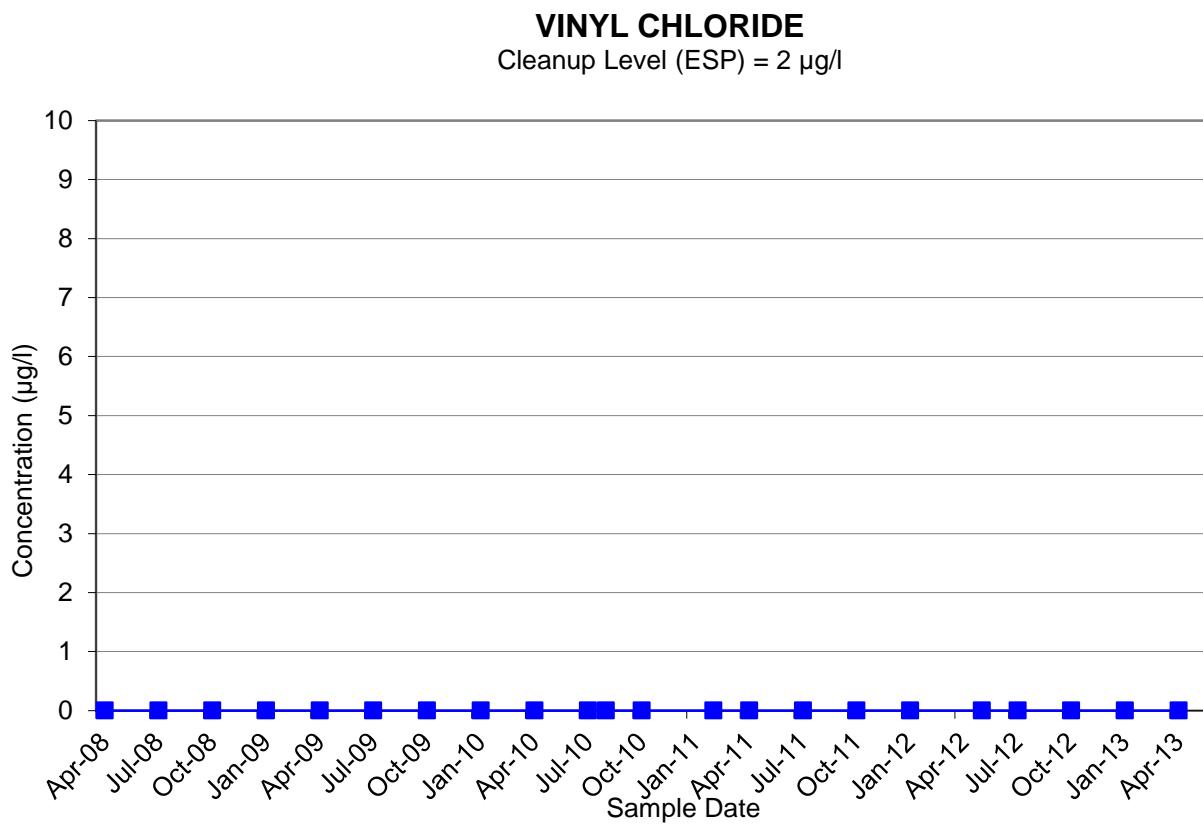
**TRICHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l



**TRICHLOROMETHANE**  
Cleanup Level (ESP) = 80 µg/l



CHRIN BROTHERS LANDFILL  
DM-10  
TIME SERIES CHARTS



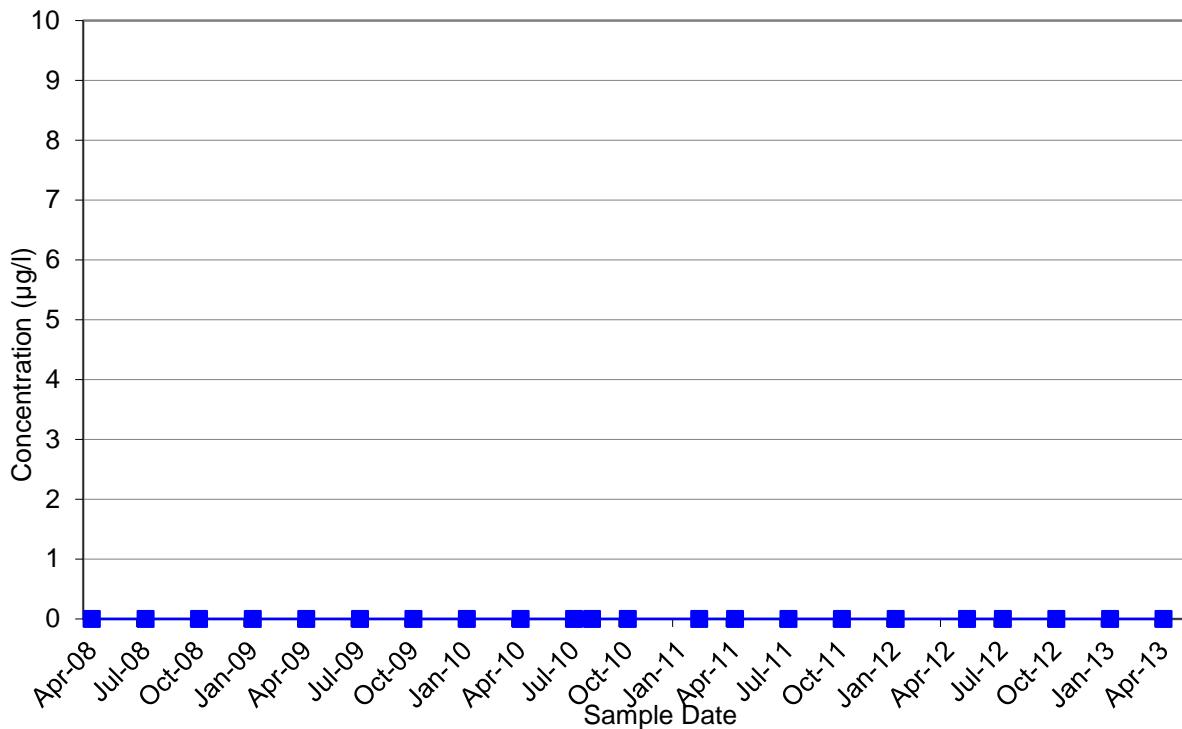
Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.

CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS

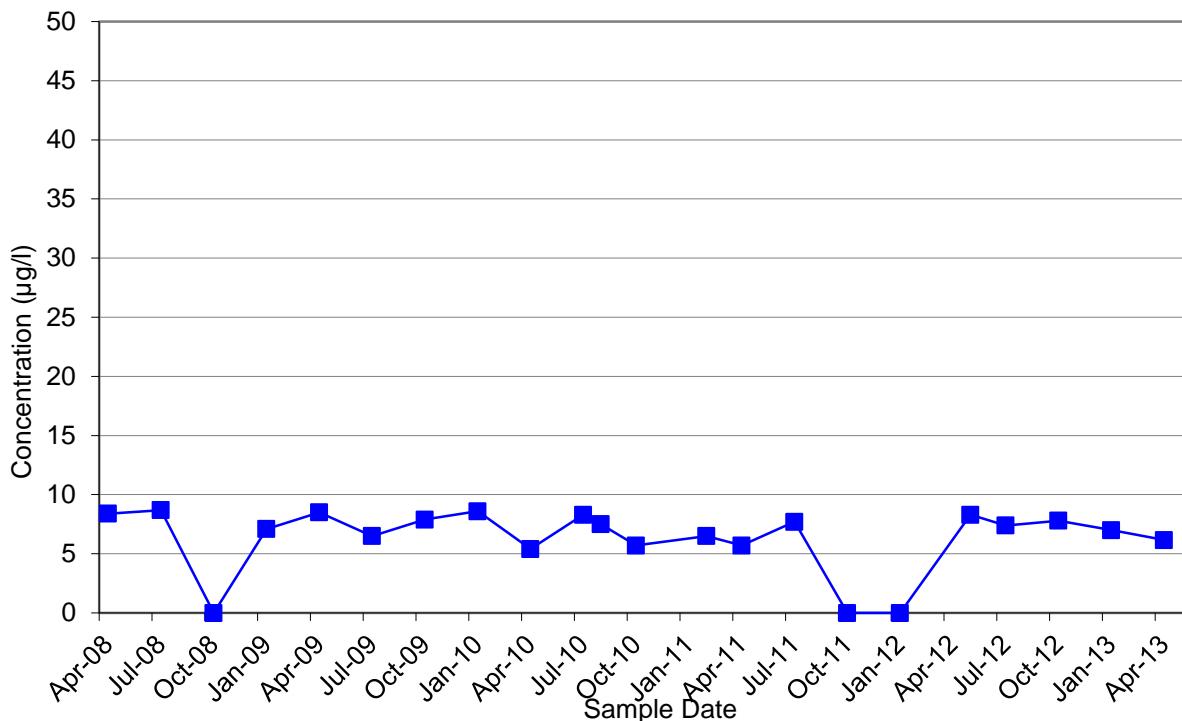
**1,1,1-TRICHLOROETHANE**

Cleanup Level (ESP) = 200 µg/l



**1,1-DICHLOROETHANE**

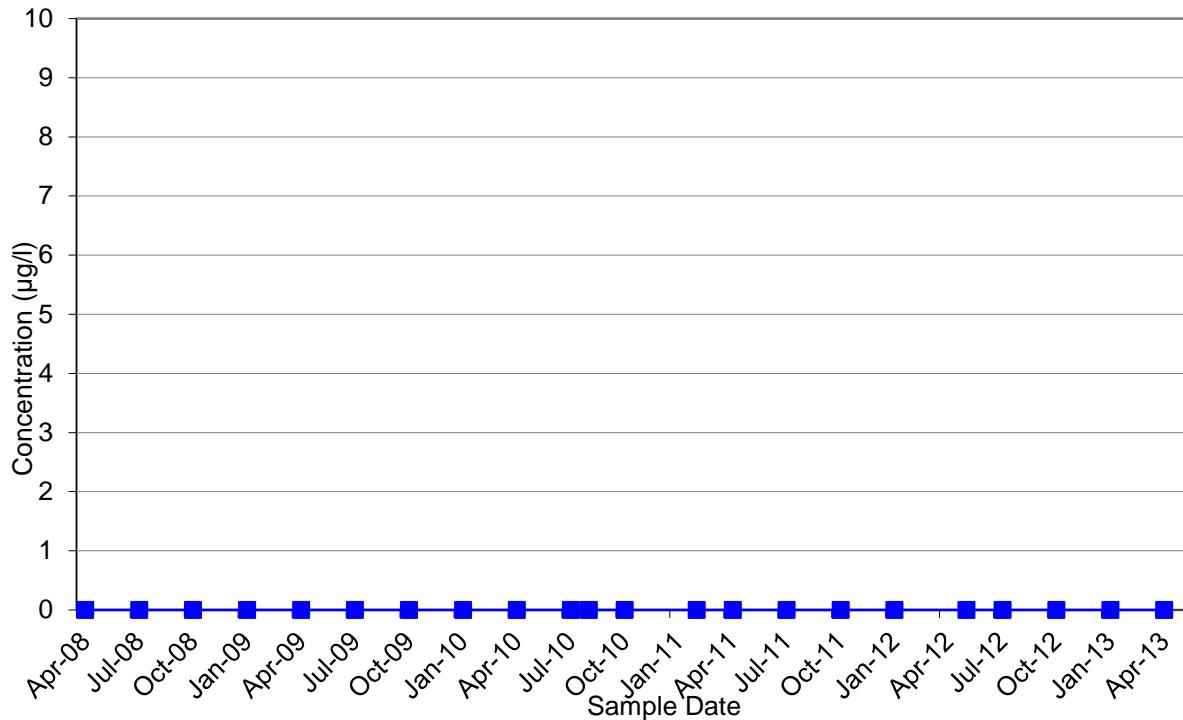
Cleanup Level (ESP) = 31 µg/l



CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS

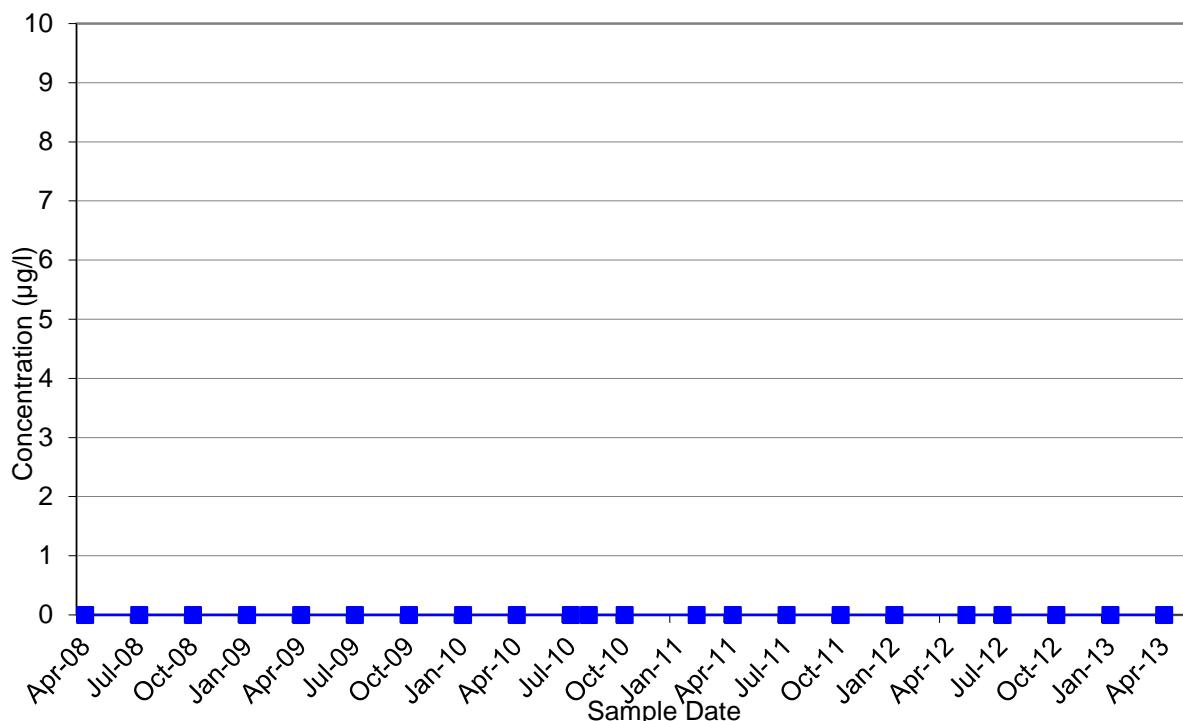
**1,1-DICHLOROETHENE**

Cleanup Level (ESP) = 7 µg/l



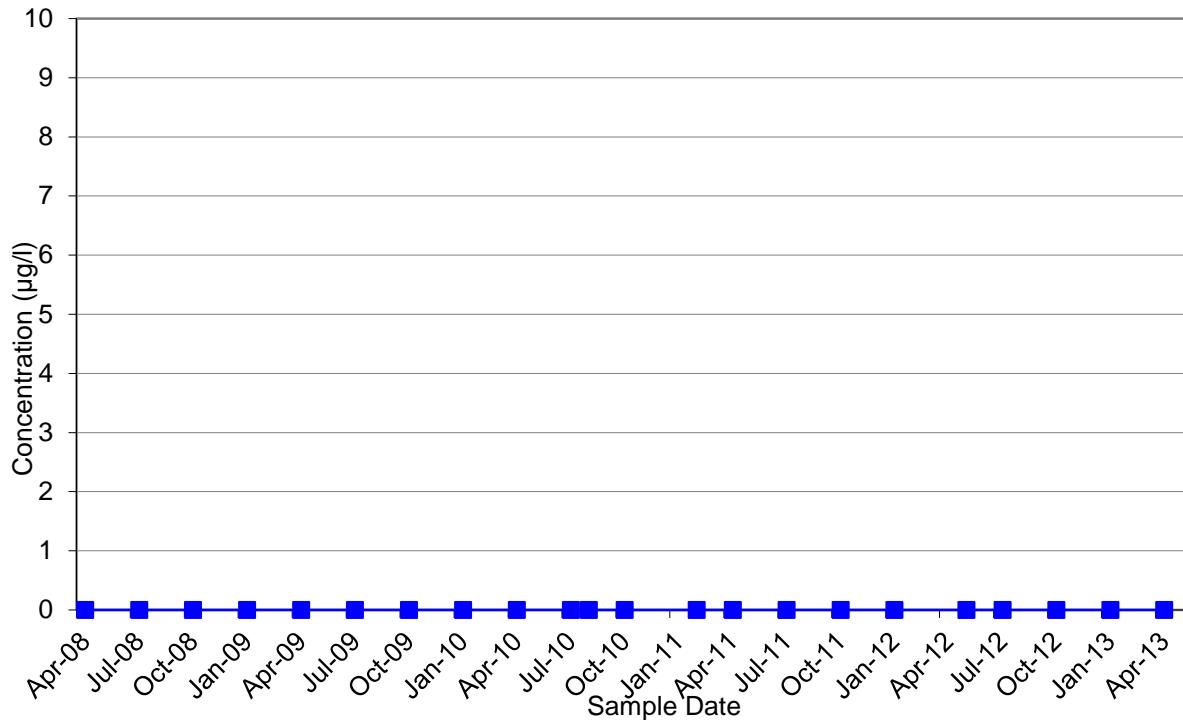
**1,2-DICHLOROETHANE**

Cleanup Level (ESP) = 5 µg/l

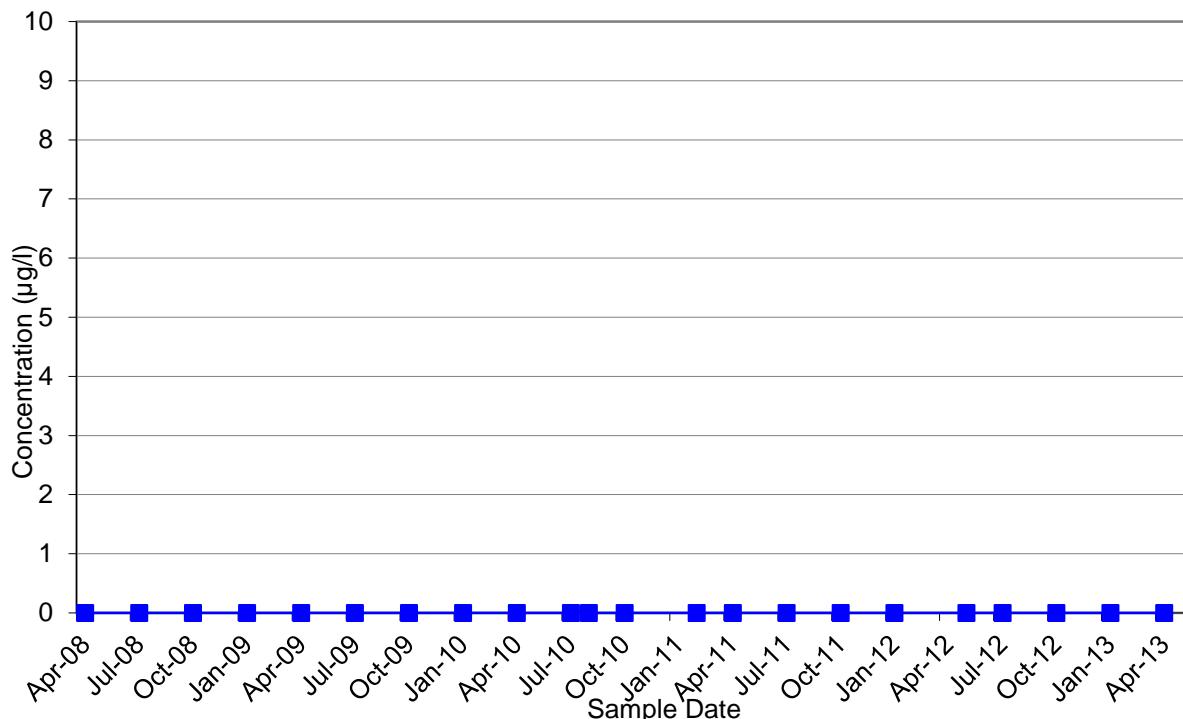


CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS

**1,2-DICHLOROPROPANE**  
Cleanup Level (ESP) = 5 µg/l

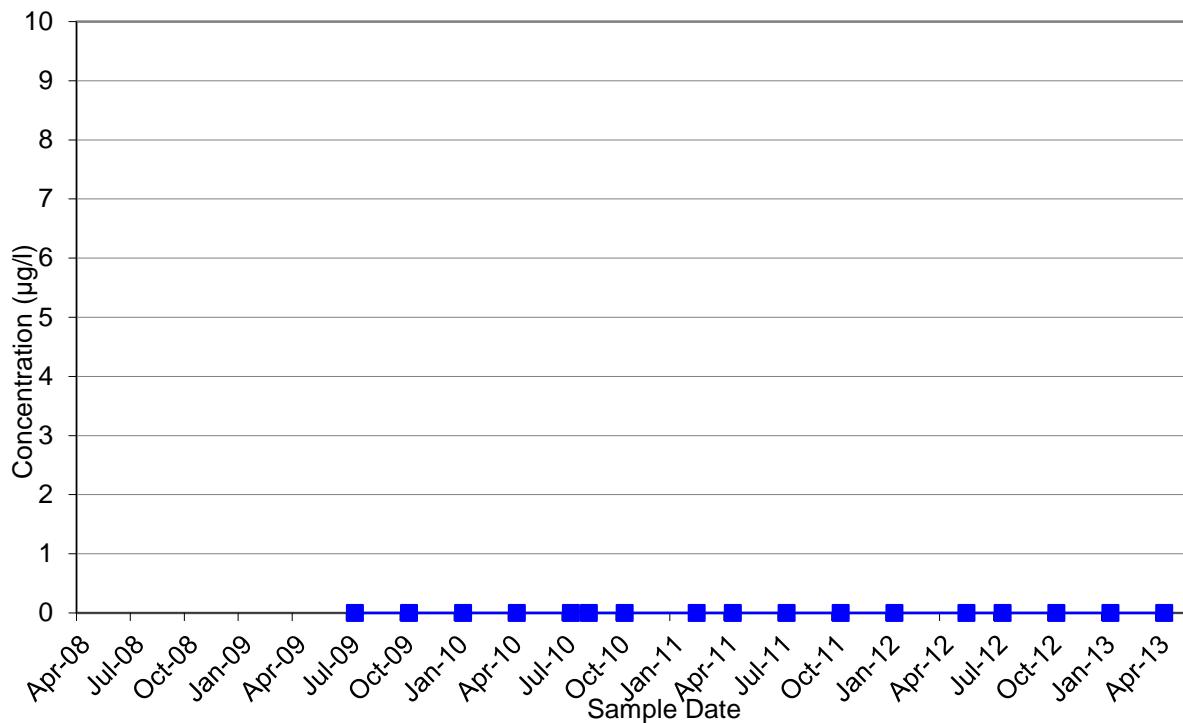


**1,4-DICHLOROBENZENE**  
Cleanup Level (ESP) = 75 µg/l



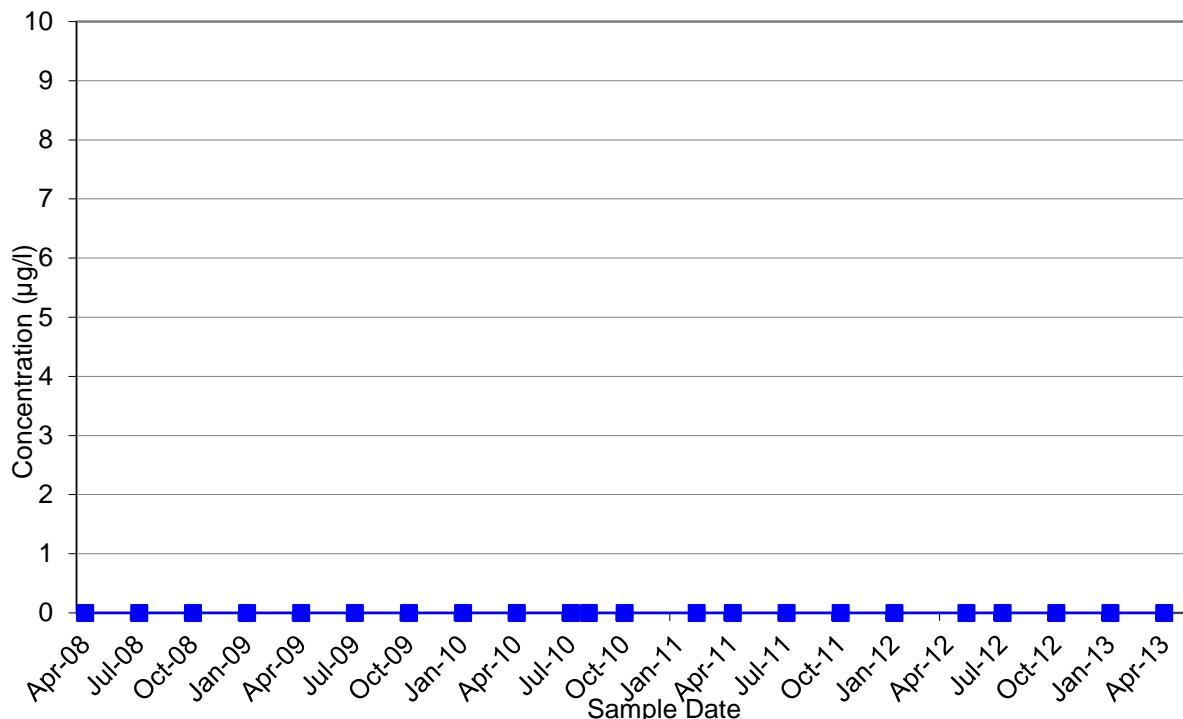
CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS

**1,4-DIOXANE**



**BENZENE**

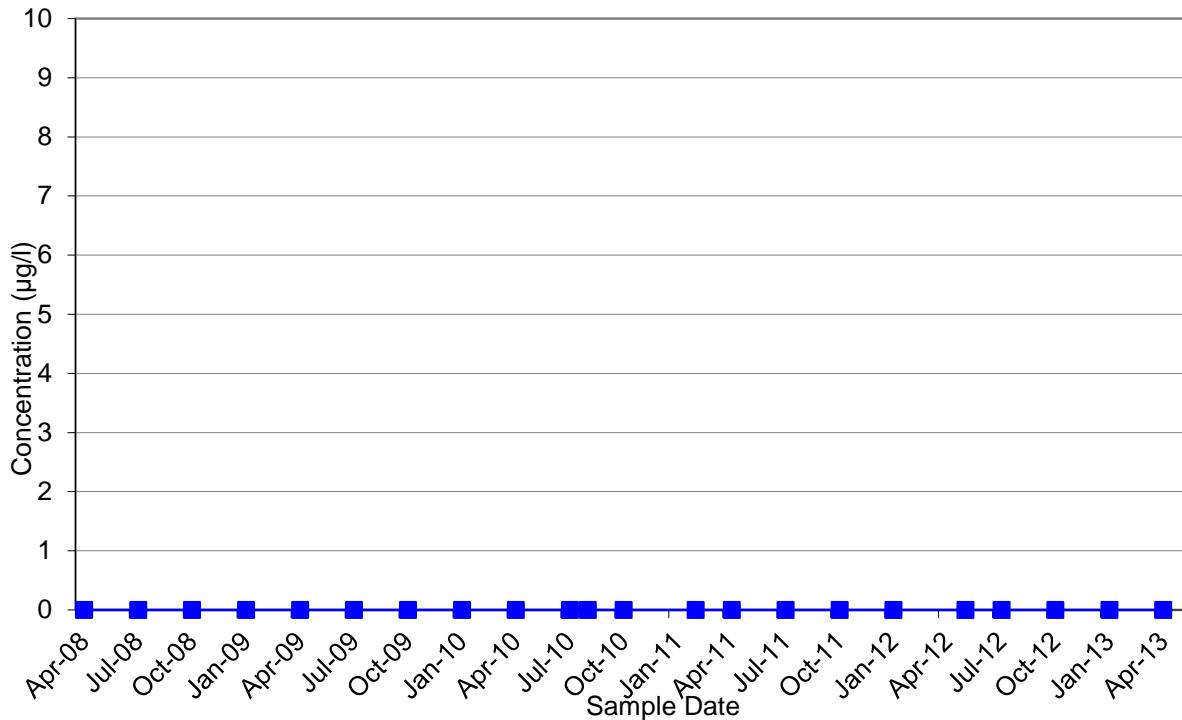
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS

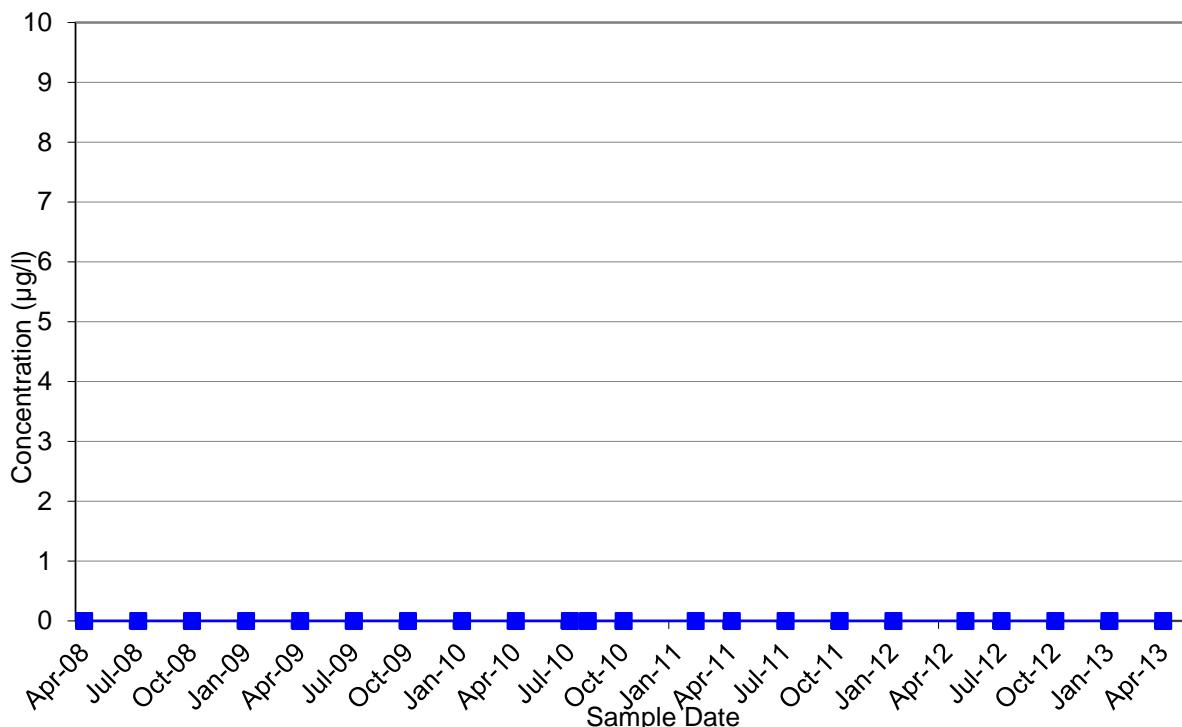
**CARBON TETRACHLORIDE**

Cleanup Level (ESP) = 5 µg/l



**CHLOROBENZENE**

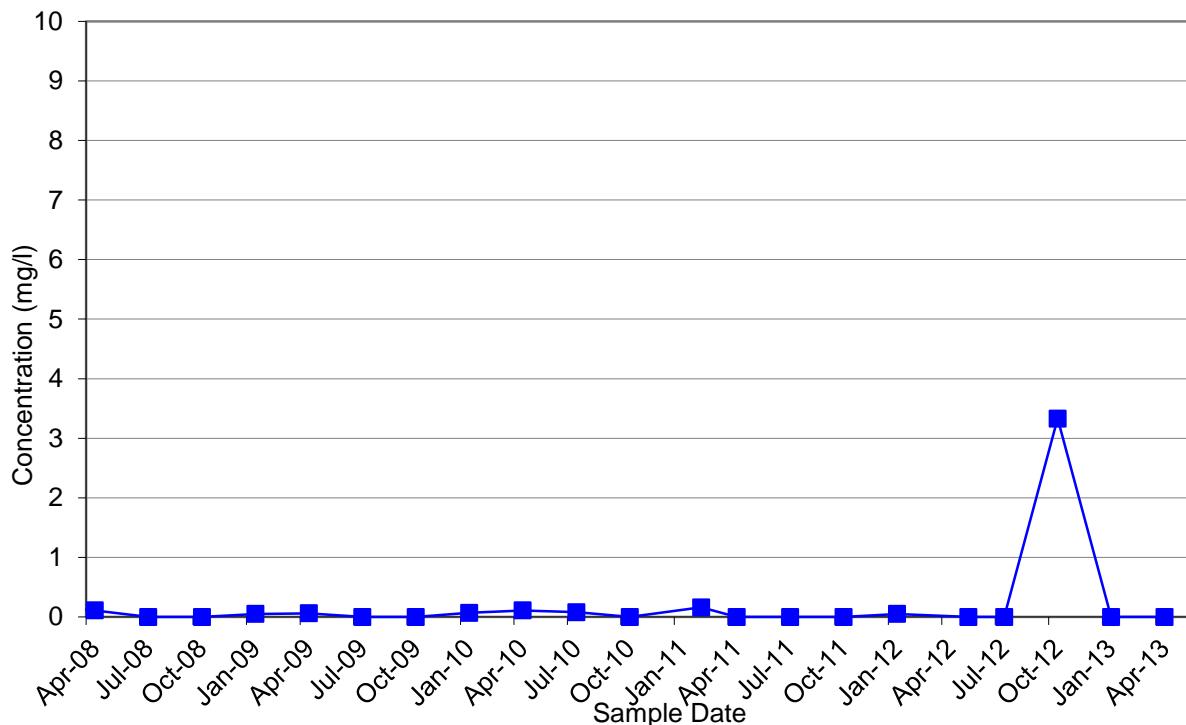
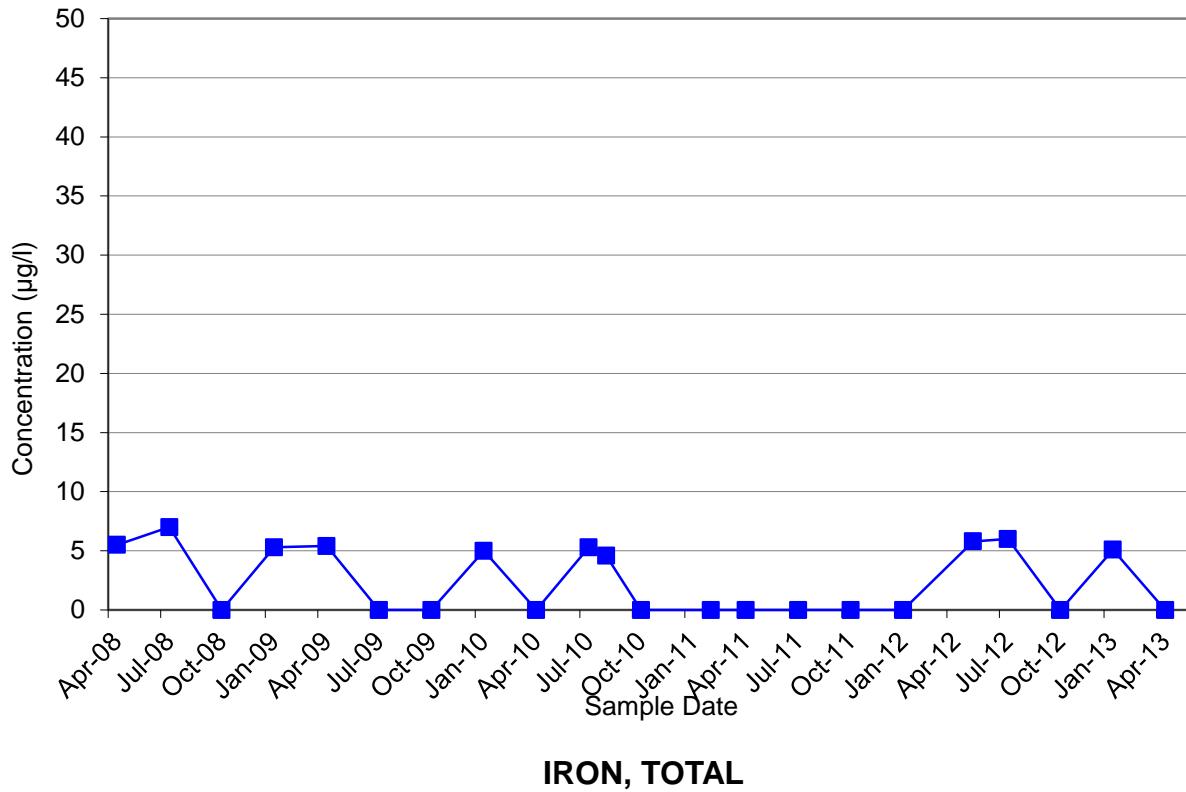
Cleanup Level (ESP) = 100 µg/l



CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS

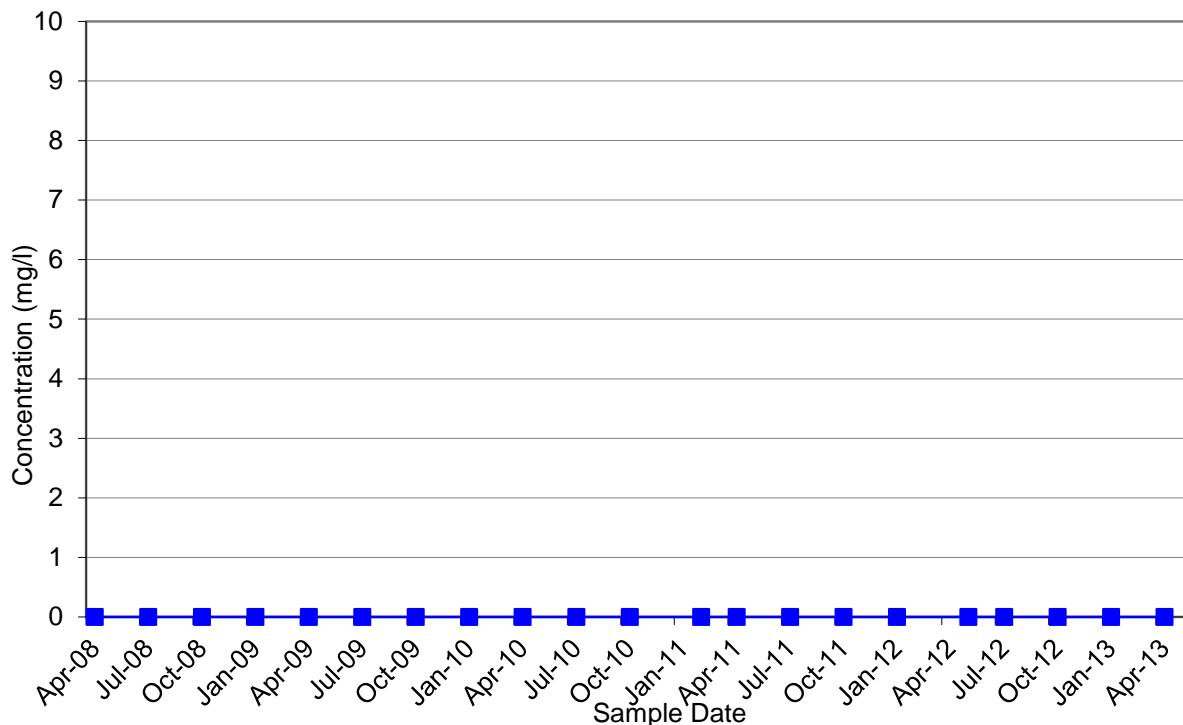
**cis 1,2-DICHLOROETHENE**

Cleanup Level (ESP) = 70 µg/l

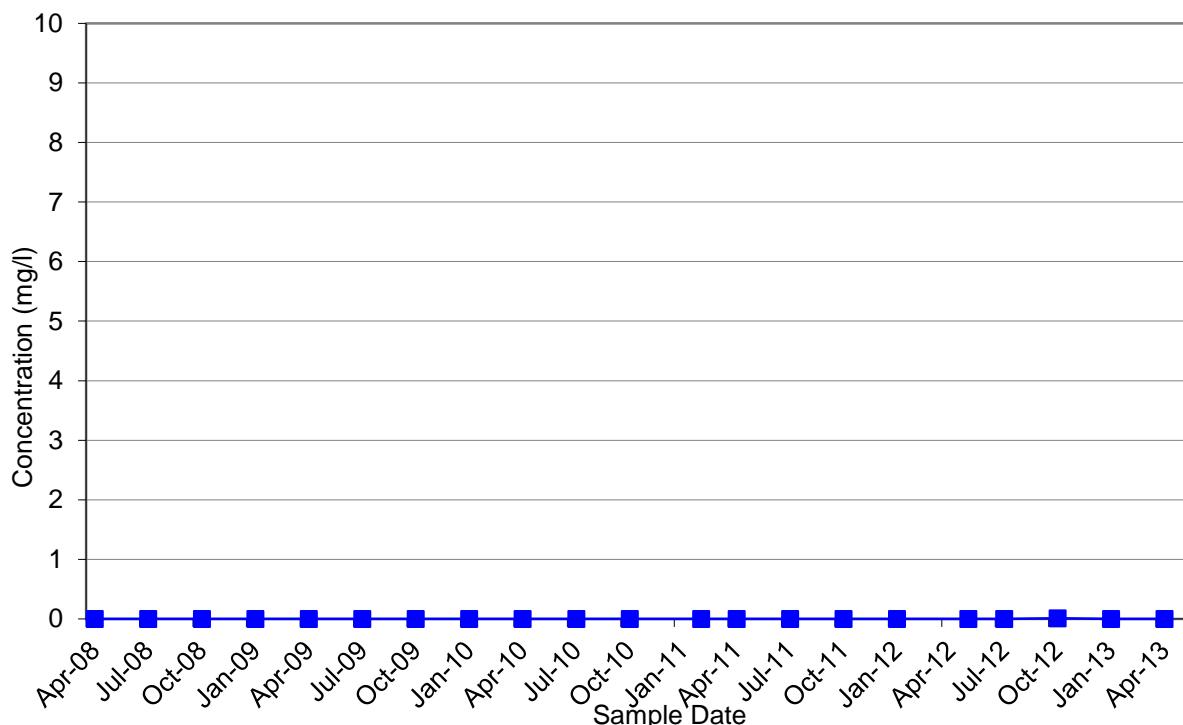


CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS

**IRON, DISSOLVED**

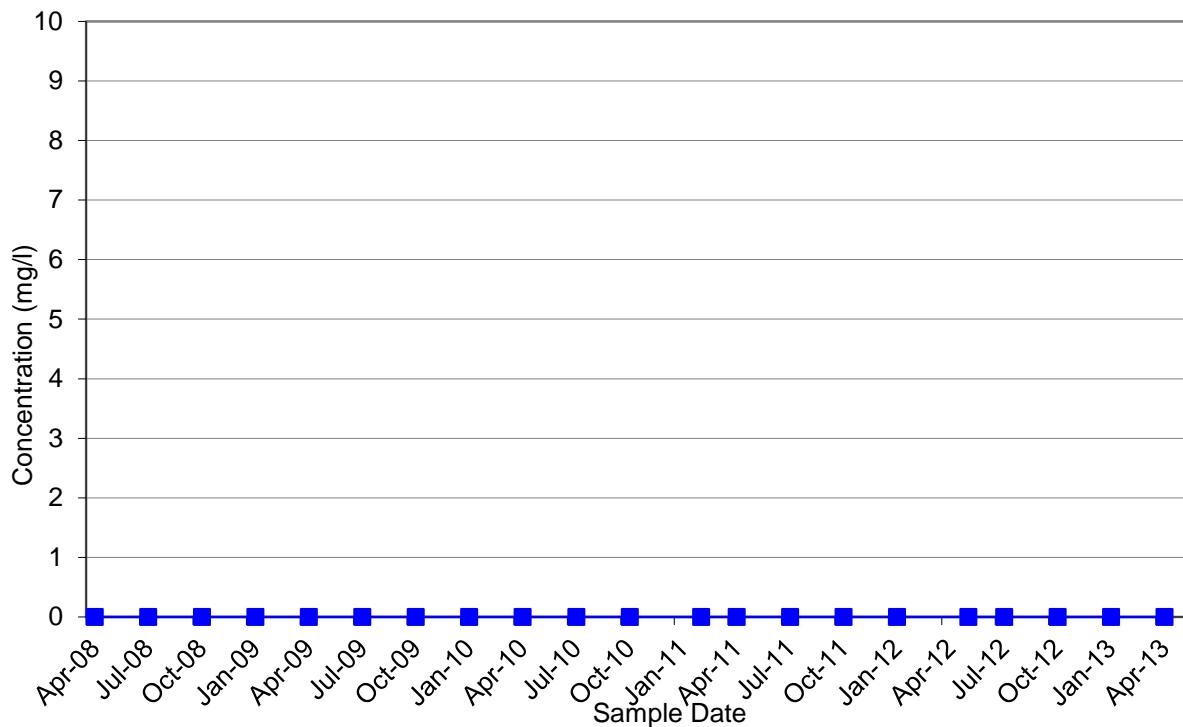


**MANGANESE, TOTAL**



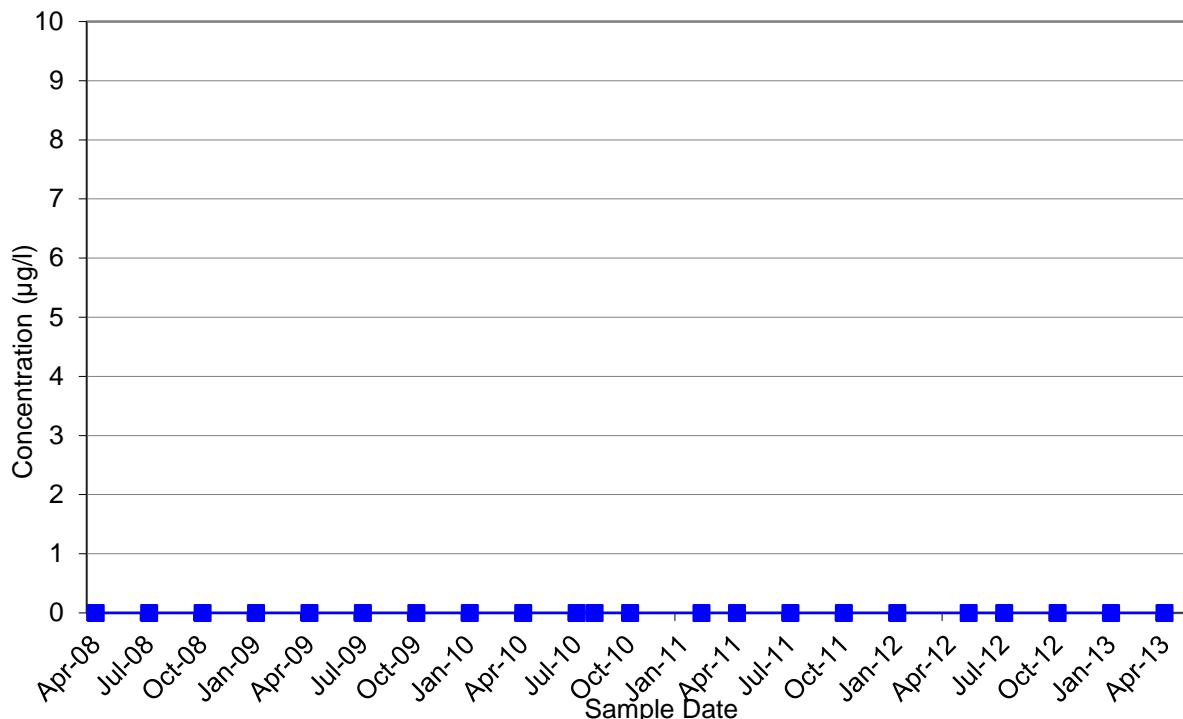
CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS

**MANGANESE, DISSOLVED**



**METHYLENE CHLORIDE**

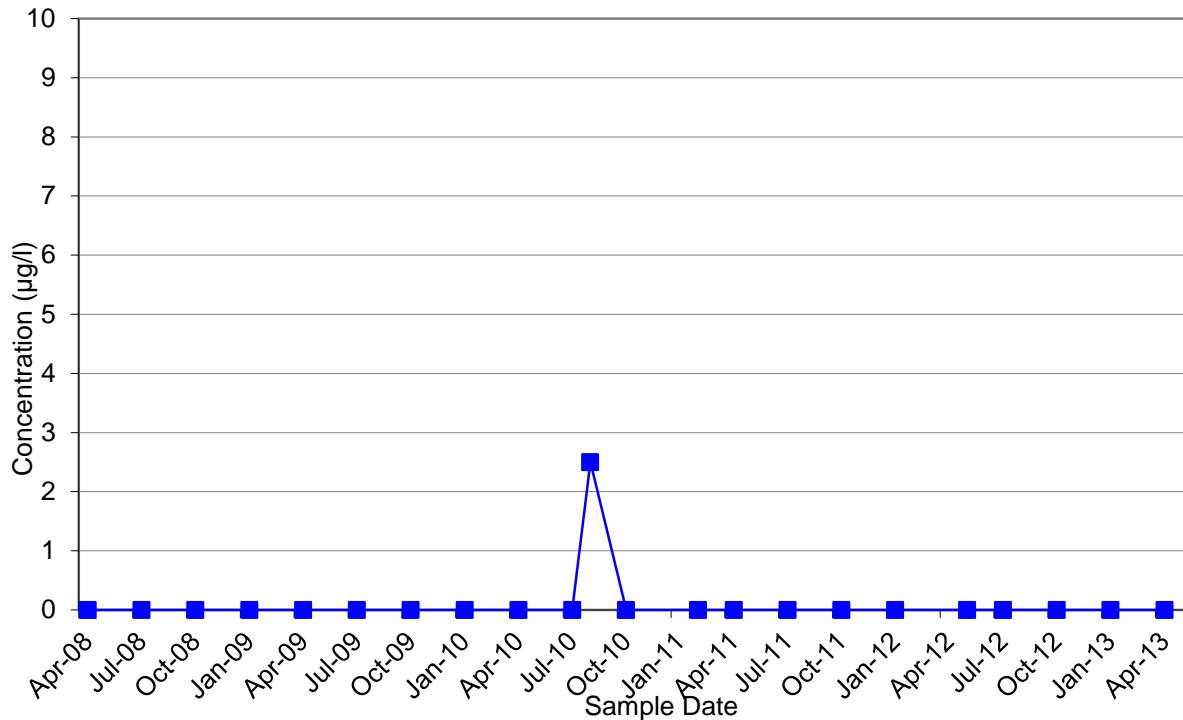
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS

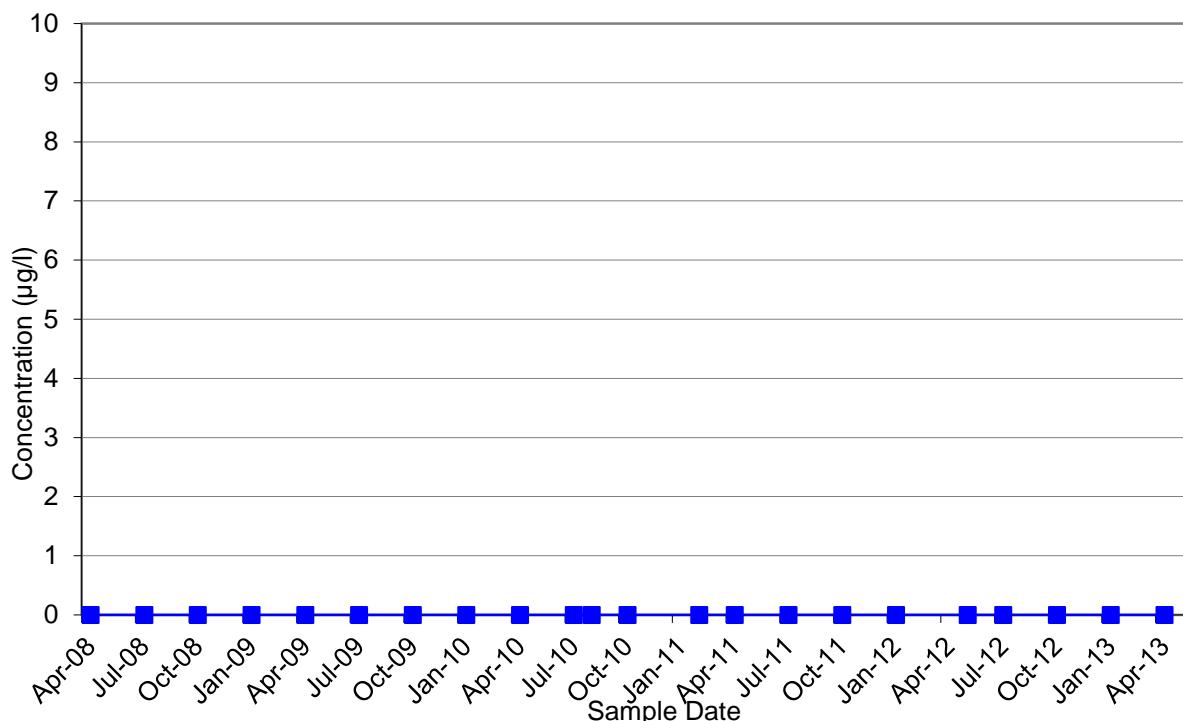
**TETRACHLOROETHENE**

Cleanup Level (ESP) = 5 µg/l



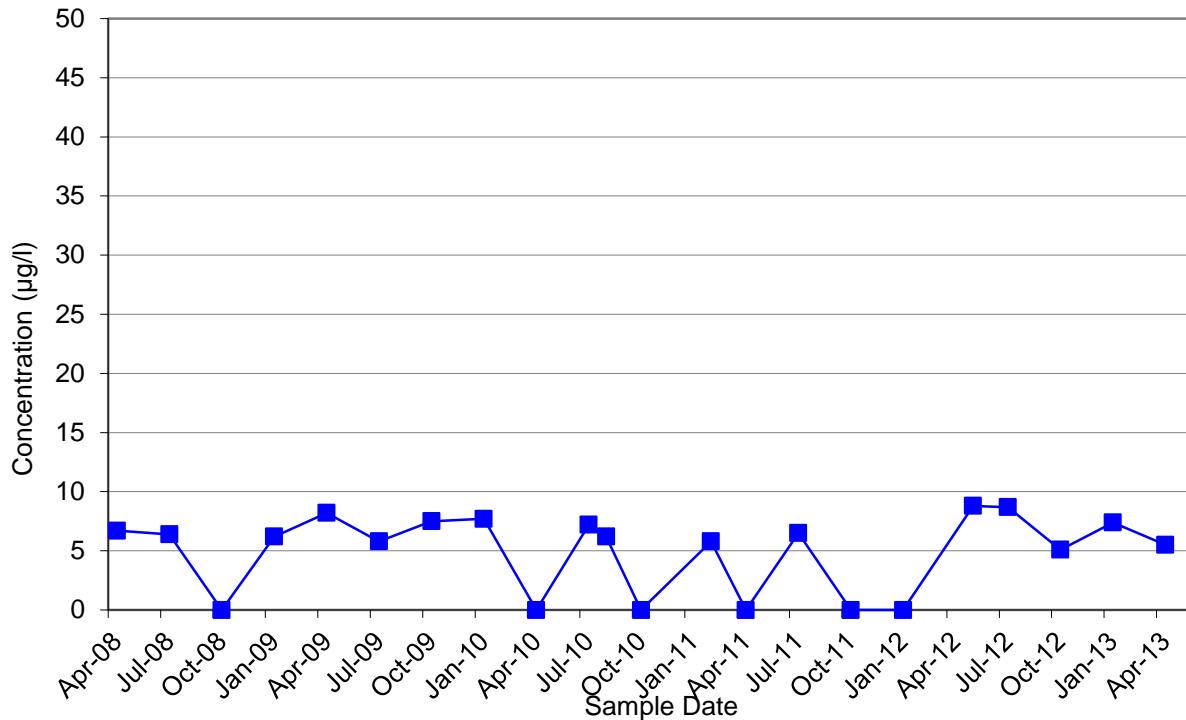
**trans 1,2-DICHLOROETHENE**

Cleanup Level (ESP) = 100 µg/l

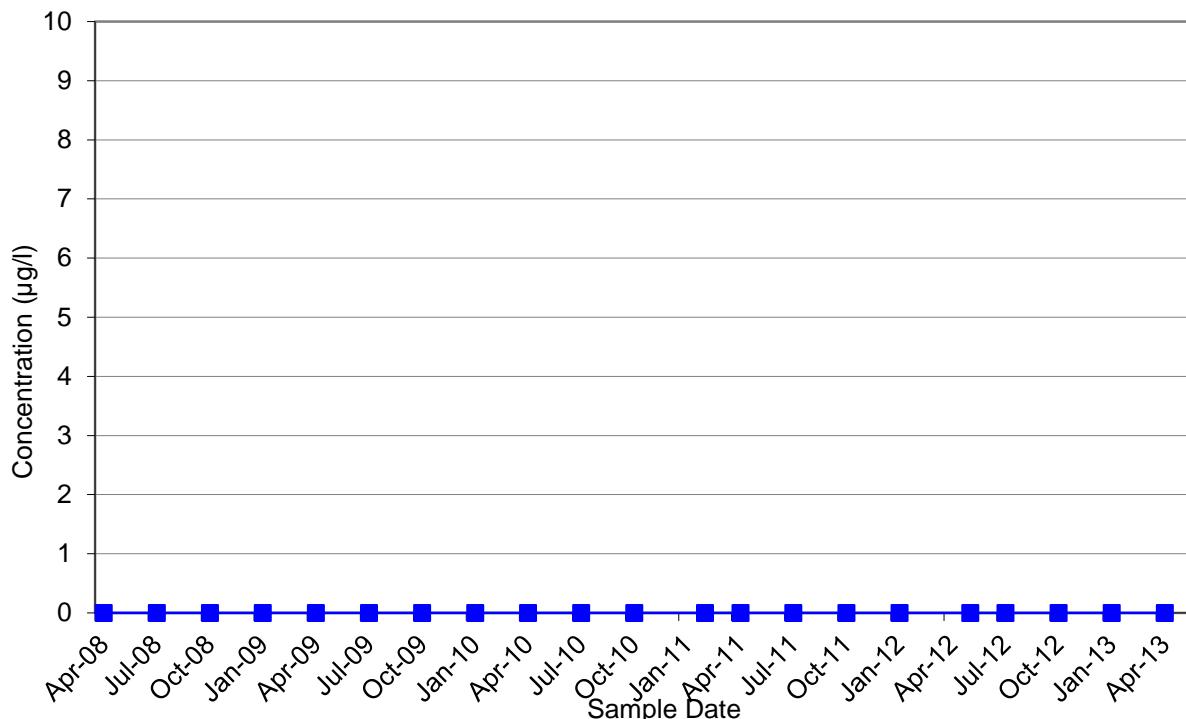


CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS

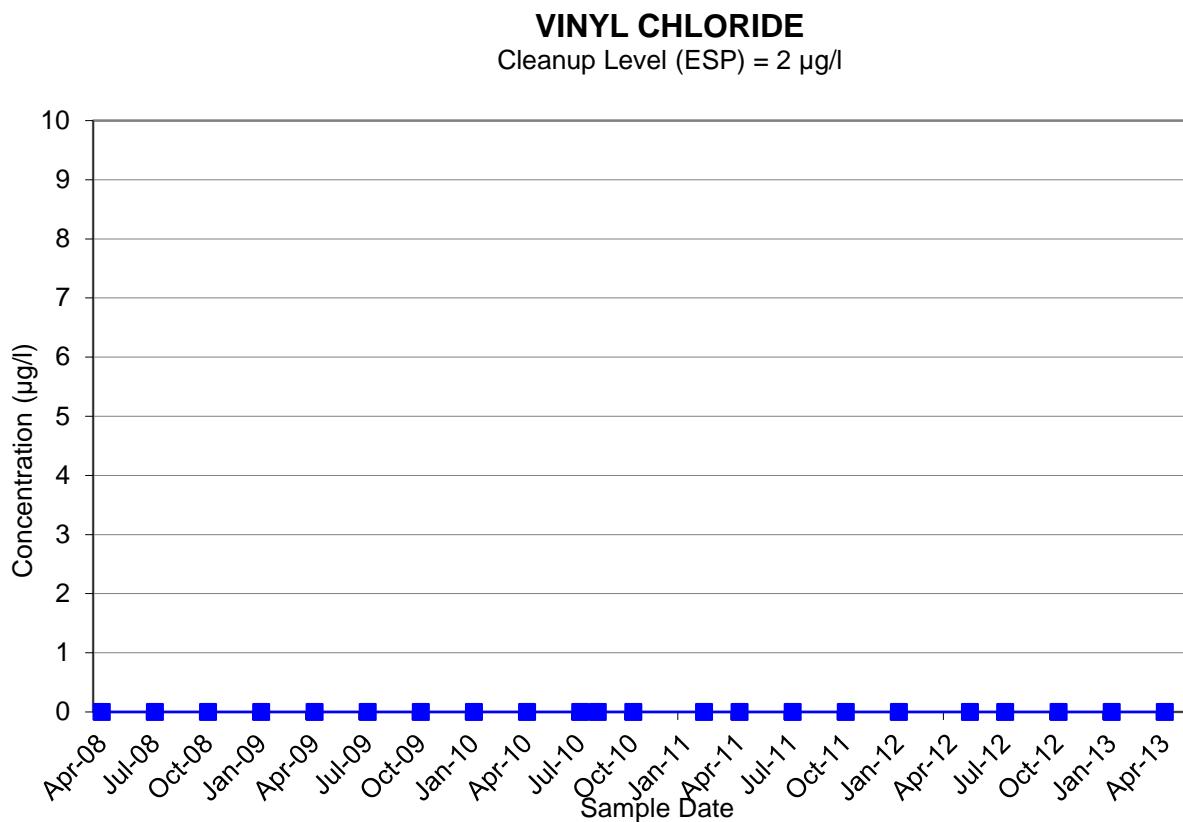
**TRICHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l



**TRICHLOROMETHANE**  
Cleanup Level (ESP) = 80 µg/l



CHRIN BROTHERS LANDFILL  
DM-11  
TIME SERIES CHARTS



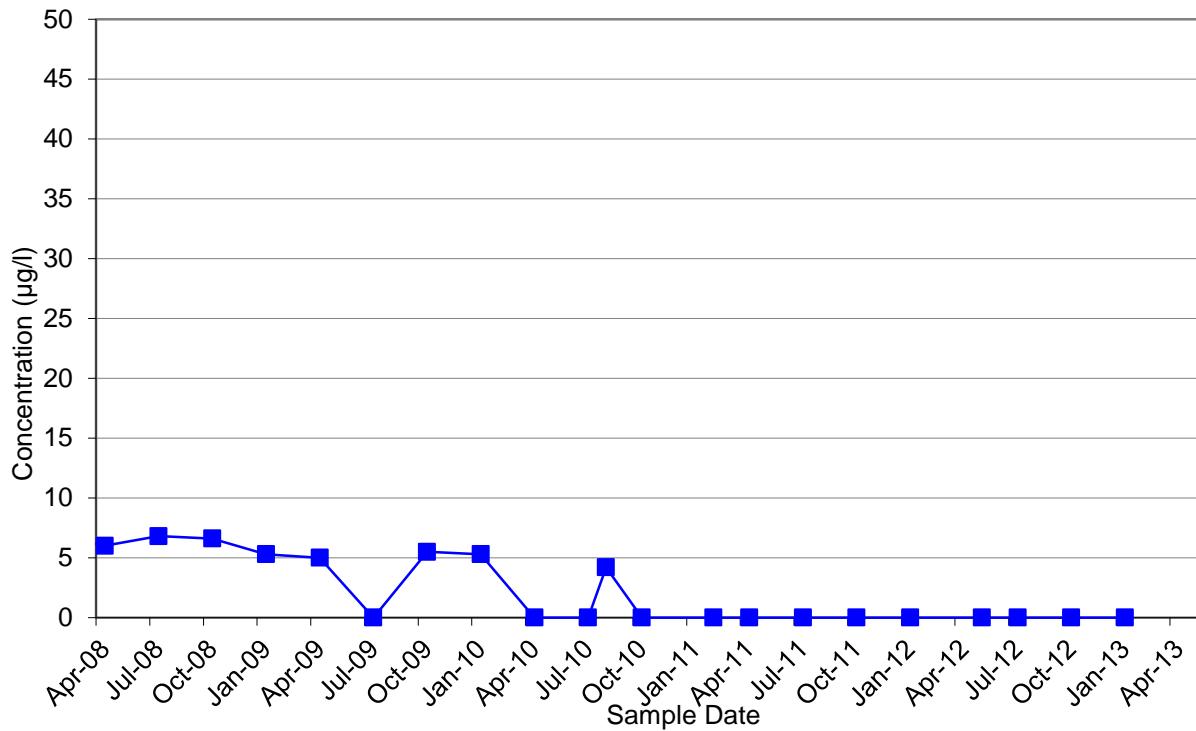
Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.

CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

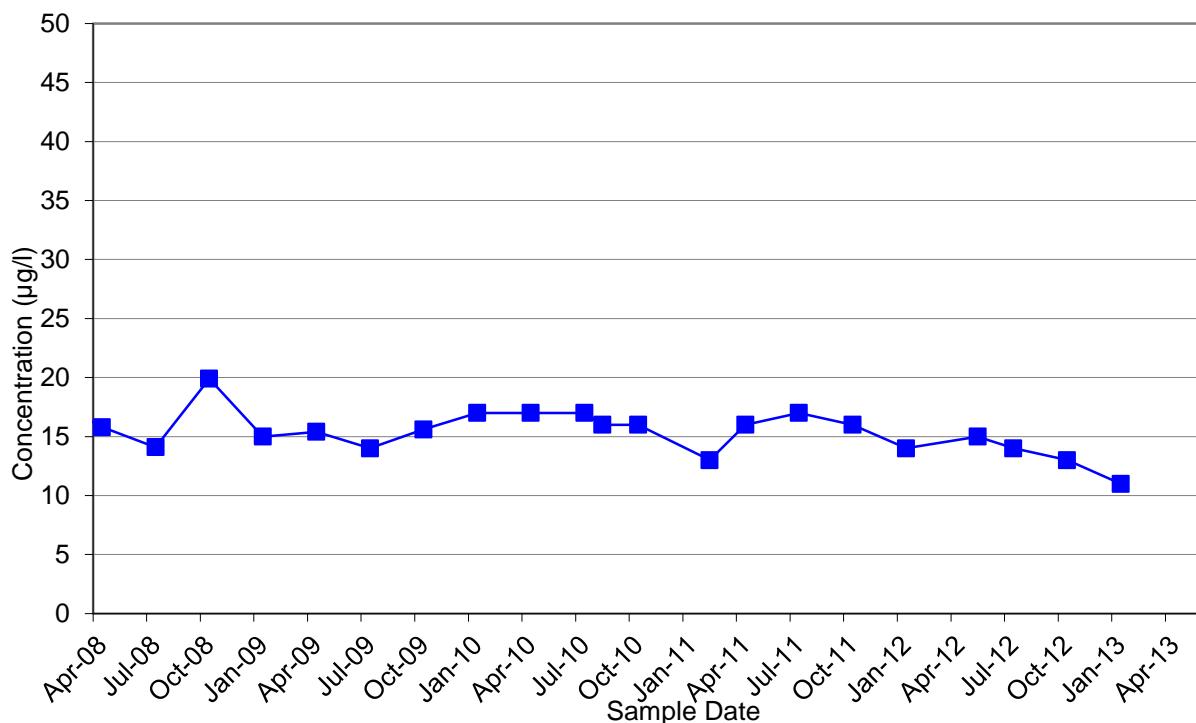
**1,1,1-TRICHLOROETHANE**

Cleanup Level (ESP) = 200 µg/l



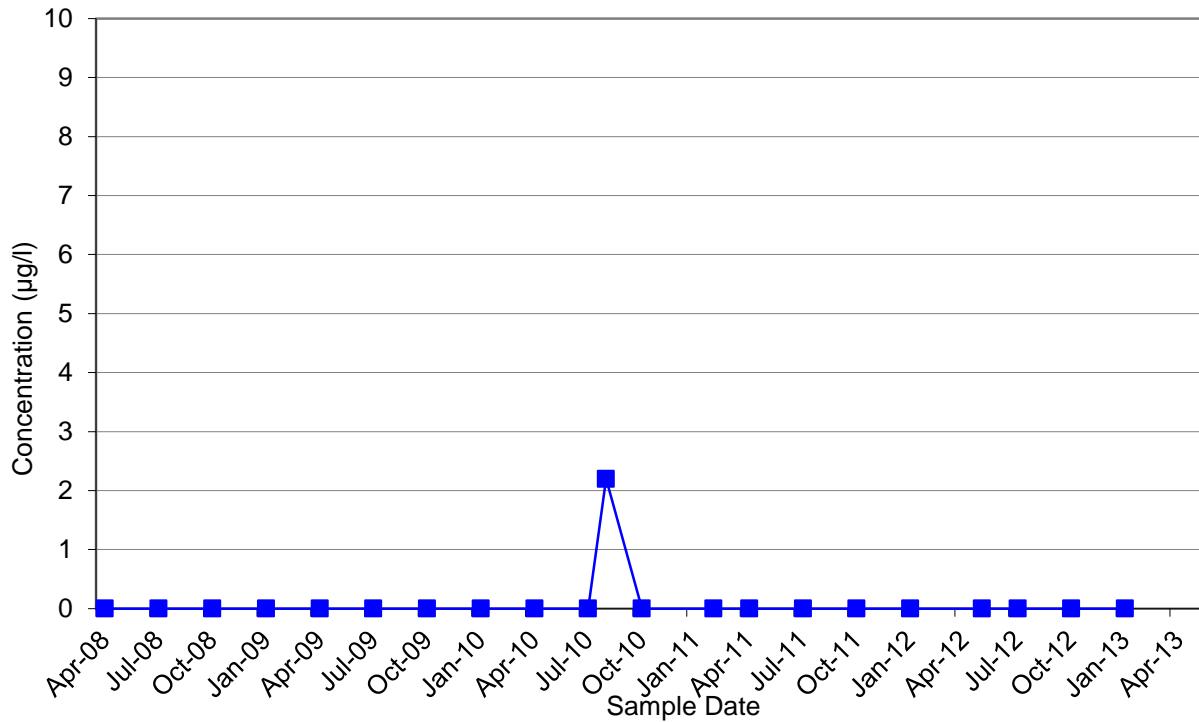
**1,1-DICHLOROETHANE**

Cleanup Level (ESP) = 31 µg/l

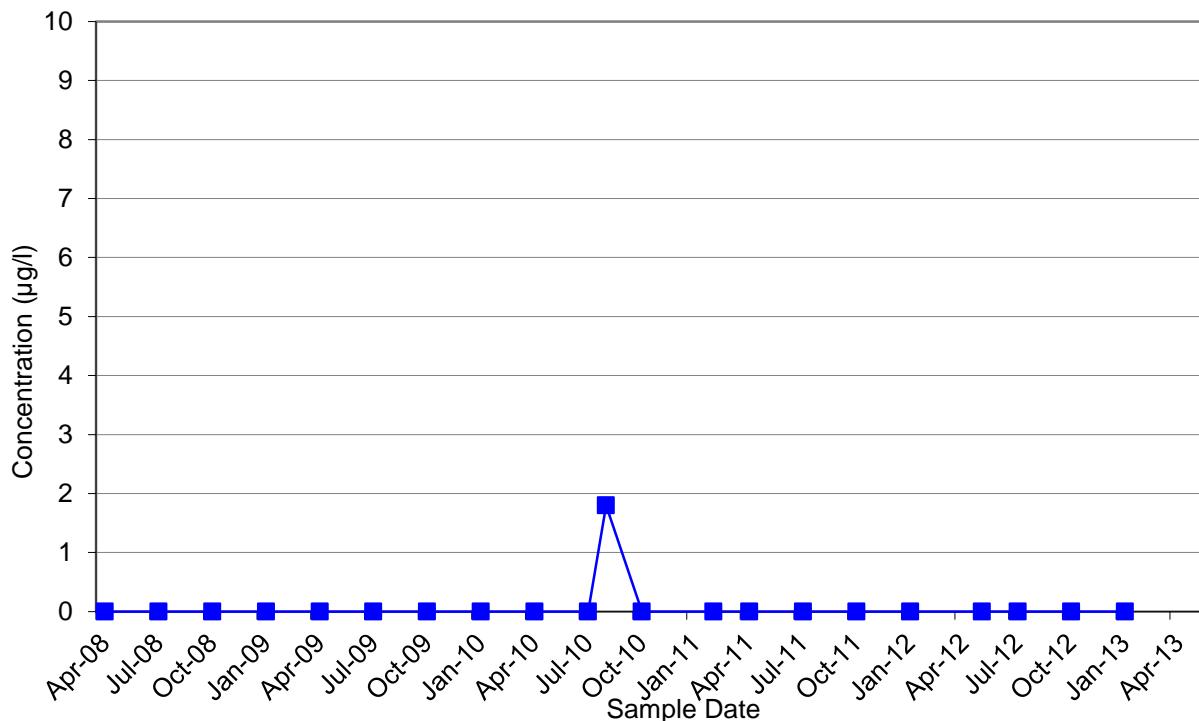


CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

**1,1-DICHLOROETHENE**  
Cleanup Level (ESP) = 7 µg/l

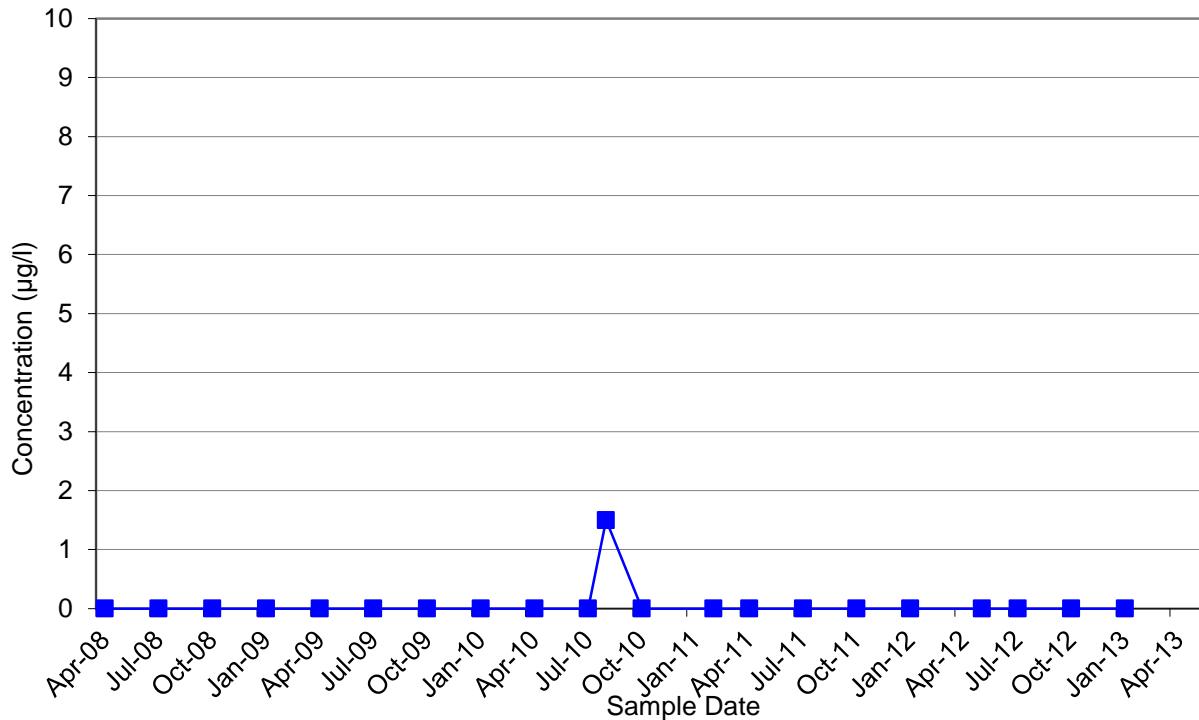


**1,2-DICHLOROETHANE**  
Cleanup Level (ESP) = 5 µg/l

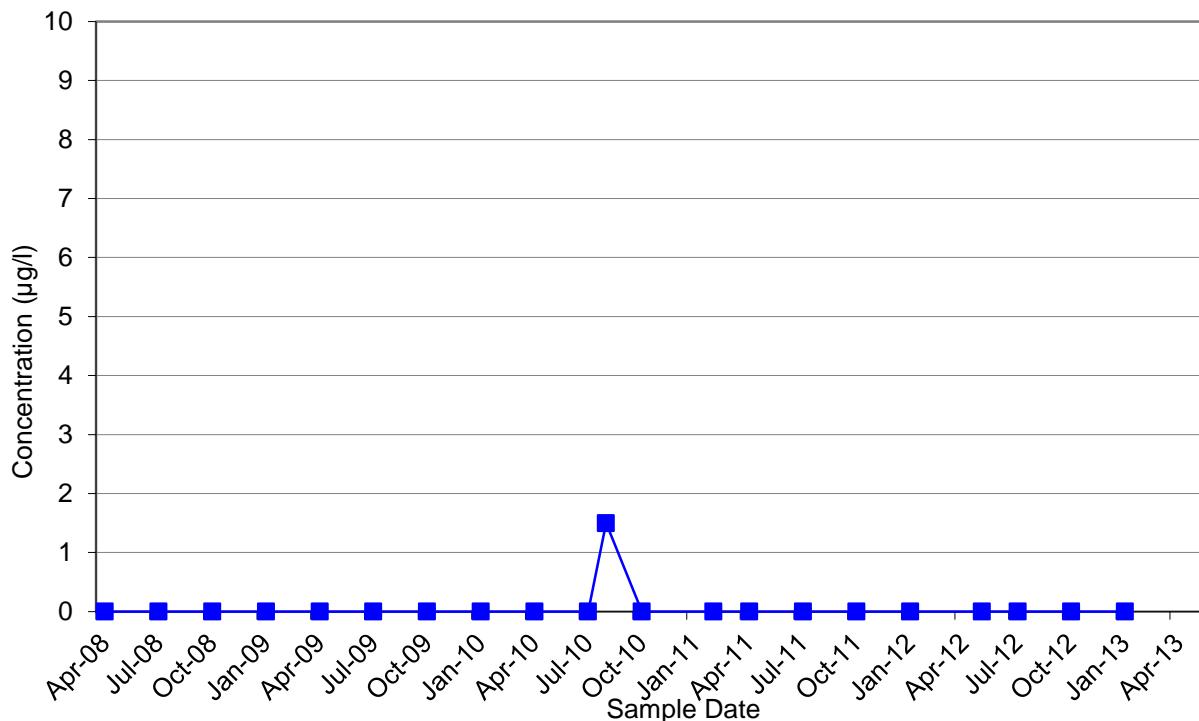


CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

**1,2-DICHLOROPROPANE**  
Cleanup Level (ESP) = 5 µg/l

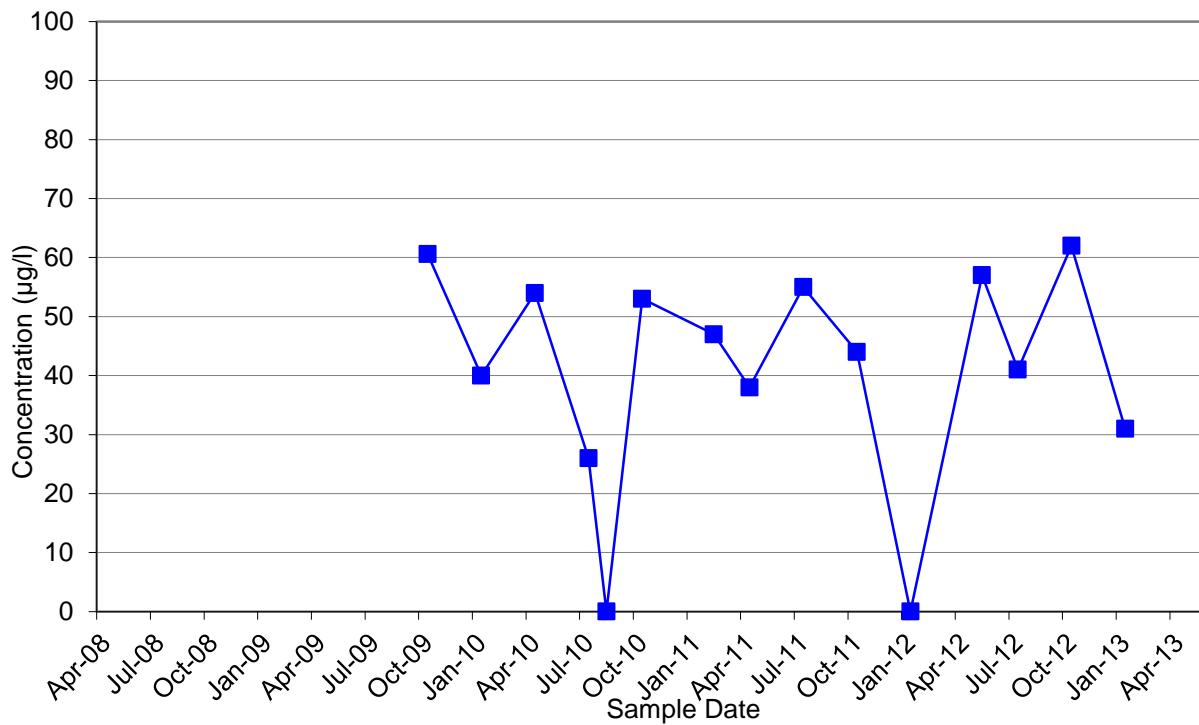


**1,4-DICHLOROBENZENE**  
Cleanup Level (ESP) = 75 µg/l



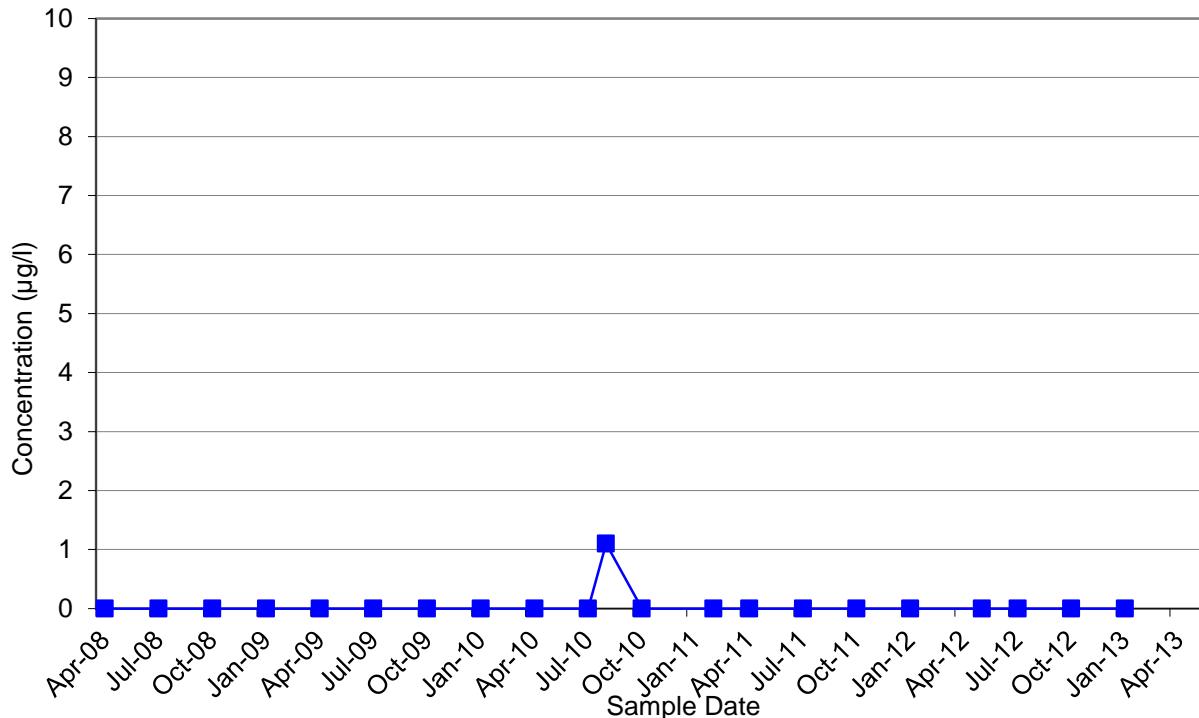
CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

**1,4-DIOXANE**



**BENZENE**

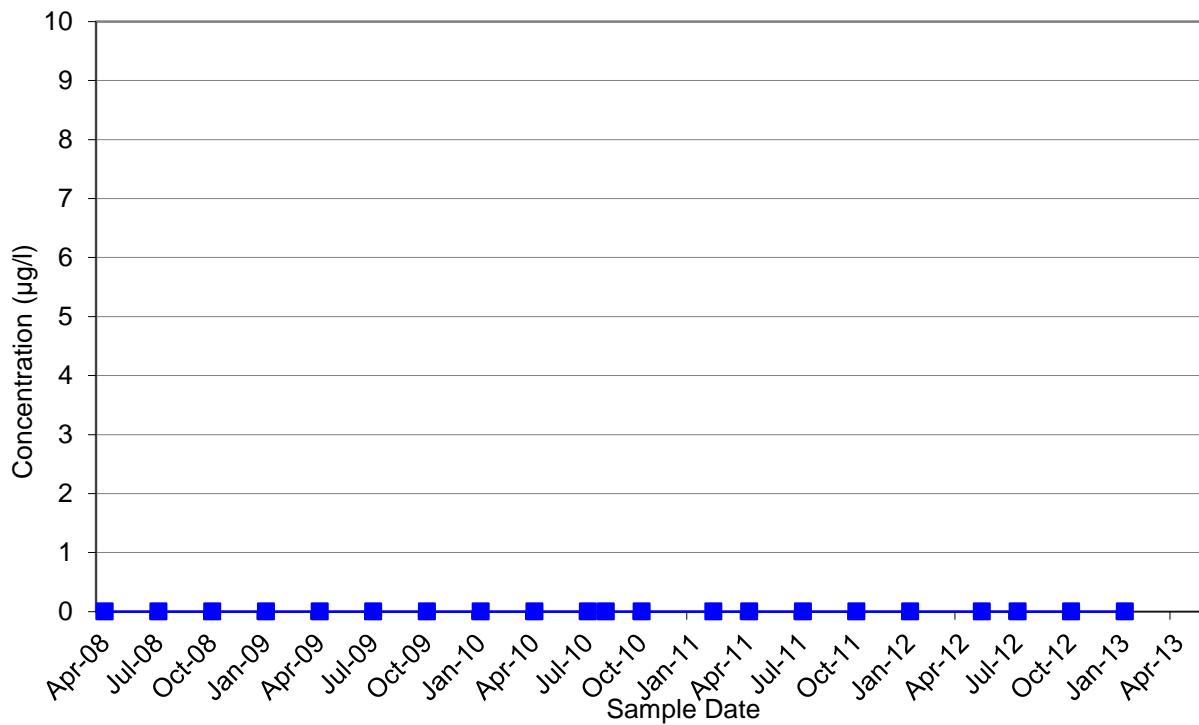
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

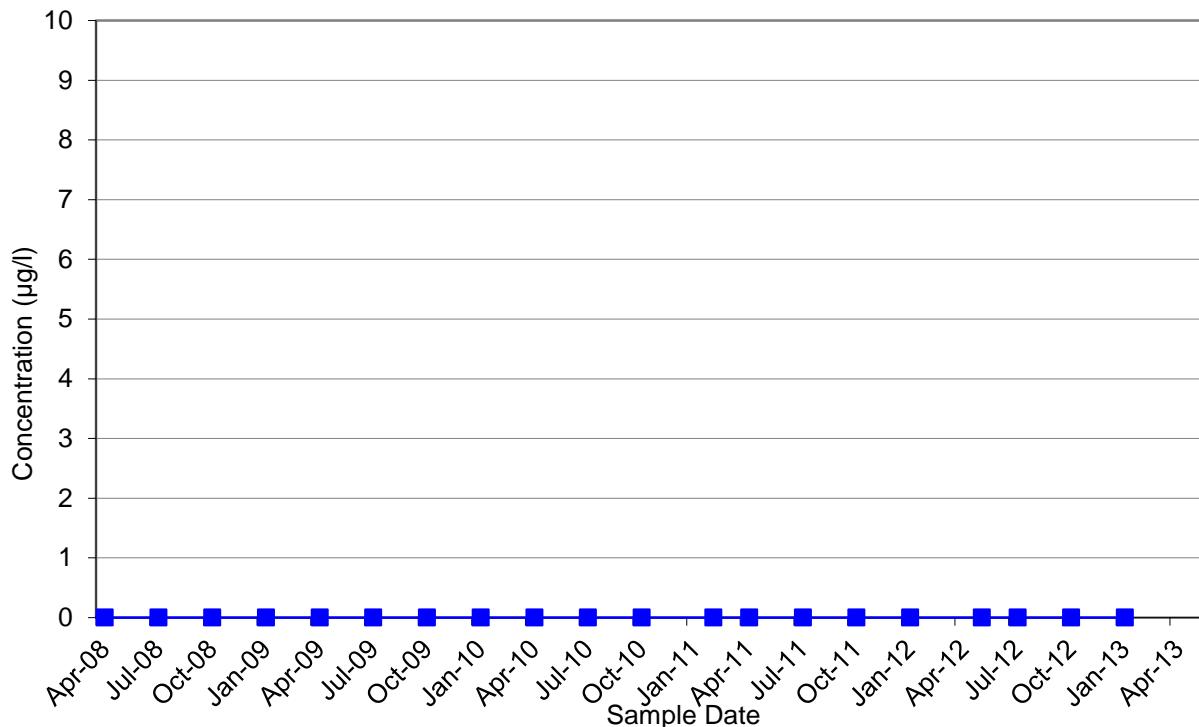
**CARBON TETRACHLORIDE**

Cleanup Level (ESP) = 5 µg/l



**CHLOROBENZENE**

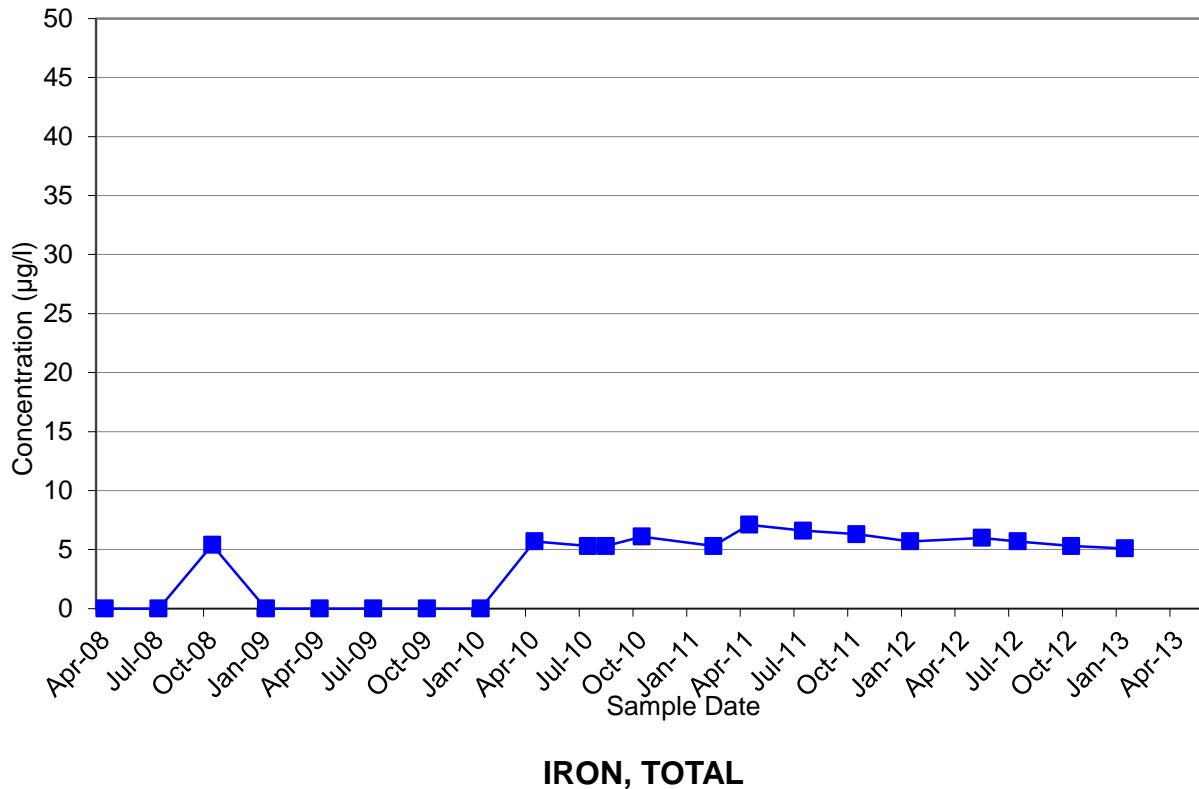
Cleanup Level (ESP) = 100 µg/l



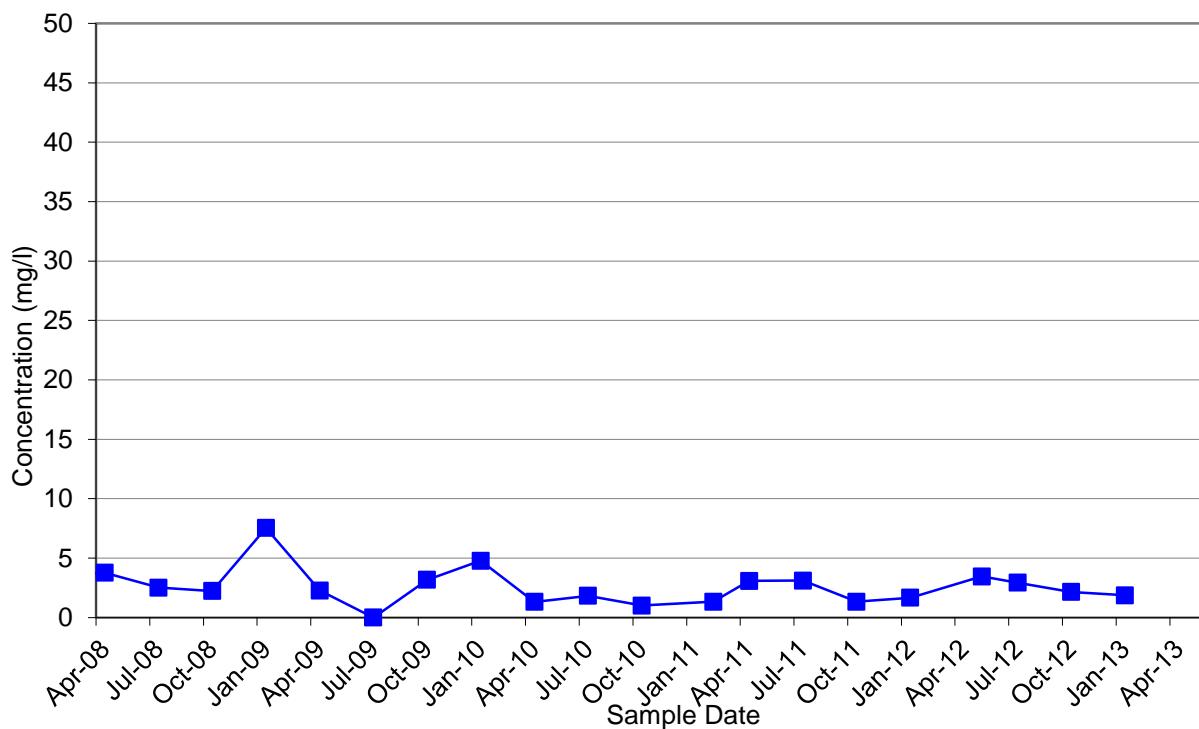
CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

**cis 1,2-DICHLOROETHENE**

Cleanup Level (ESP) = 70 µg/l

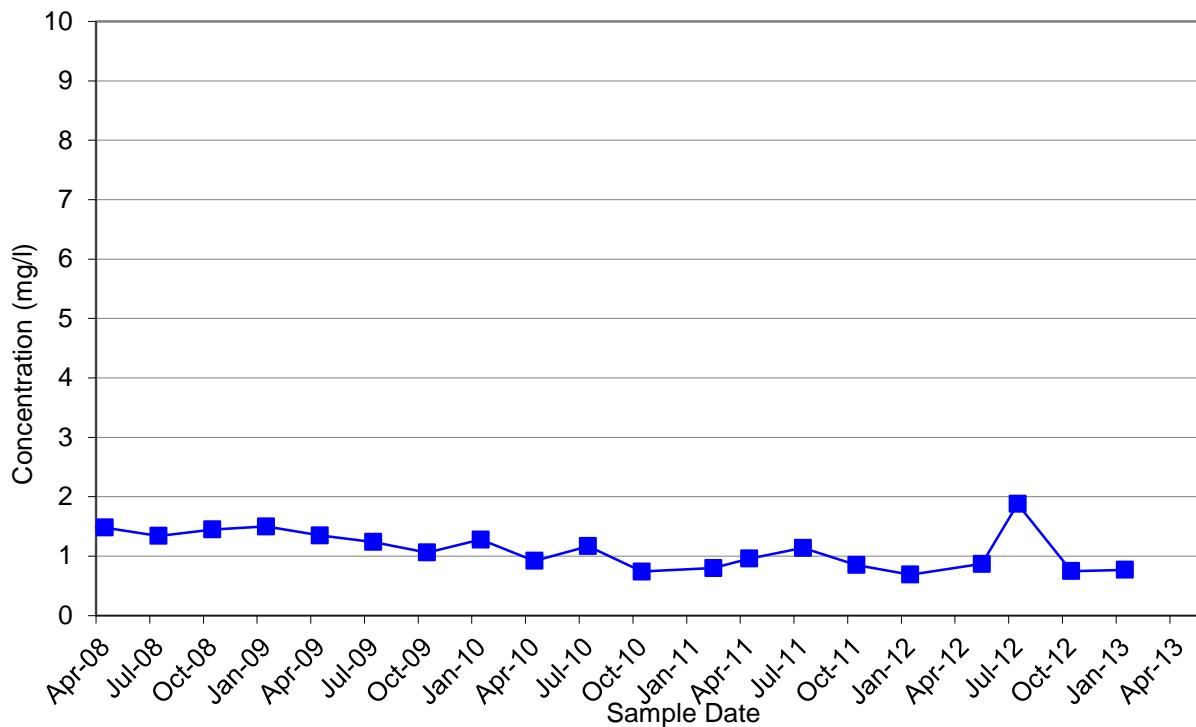


**IRON, TOTAL**

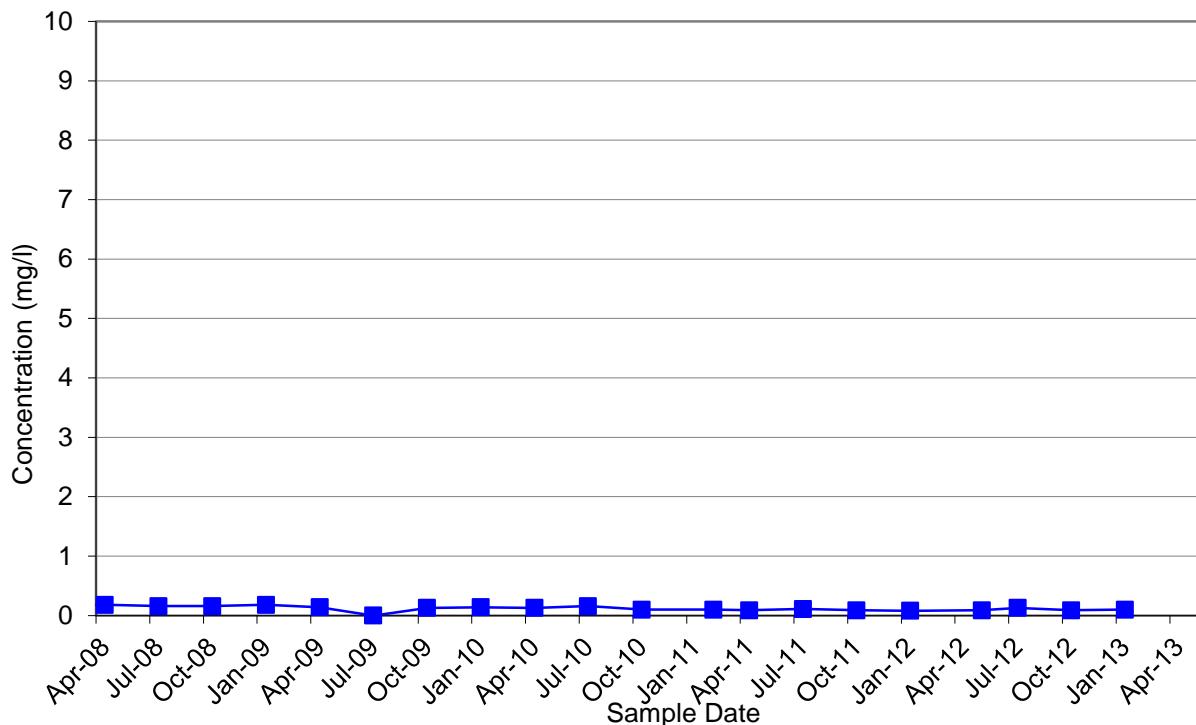


CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

**IRON, DISSOLVED**

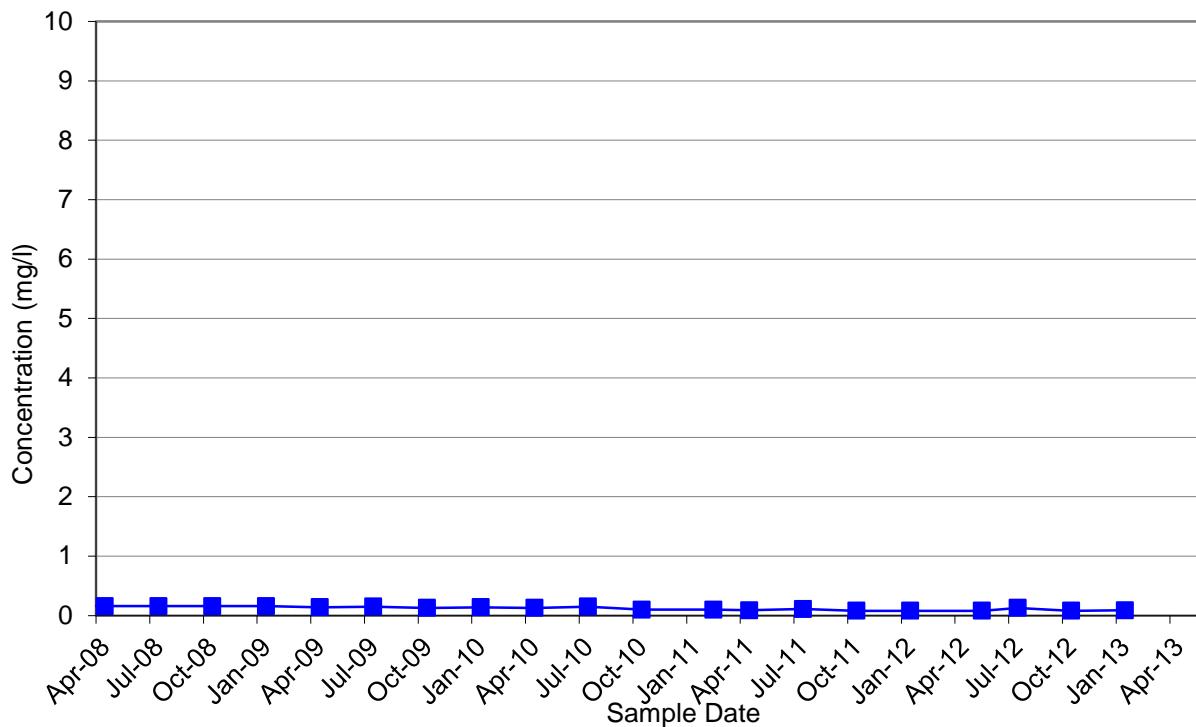


**MANGANESE, TOTAL**



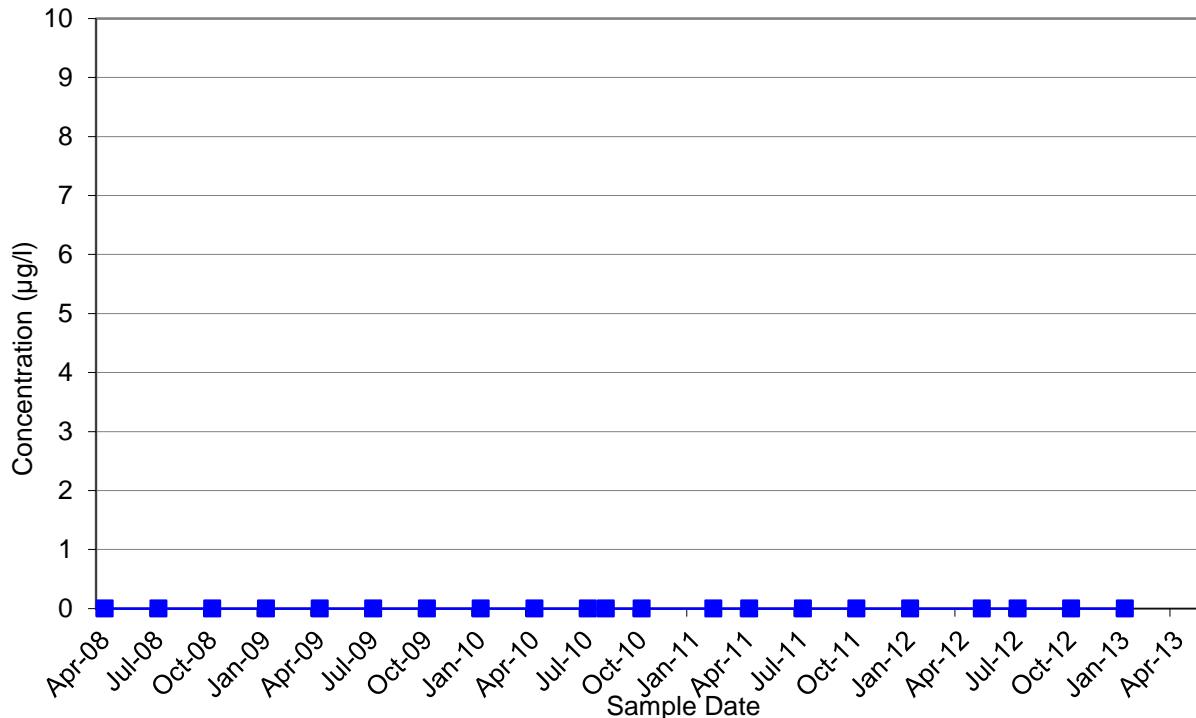
CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

**MANGANESE, DISSOLVED**



**METHYLENE CHLORIDE**

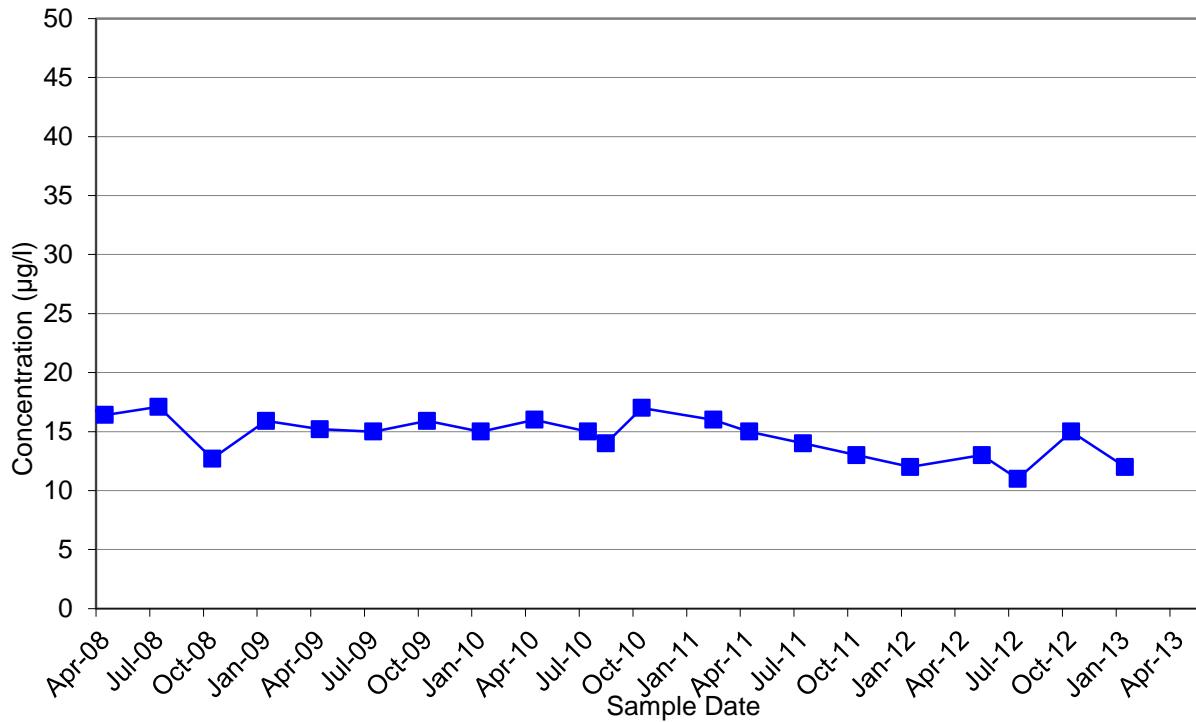
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

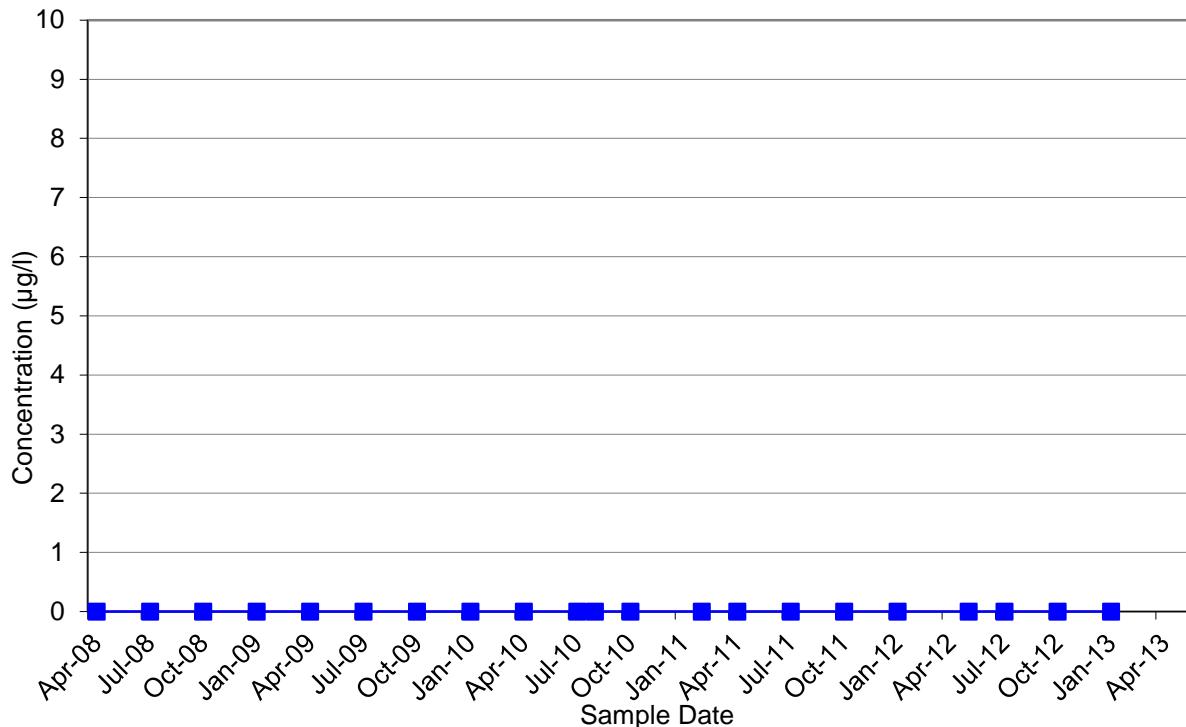
**TETRACHLOROETHENE**

Cleanup Level (ESP) = 5 µg/l



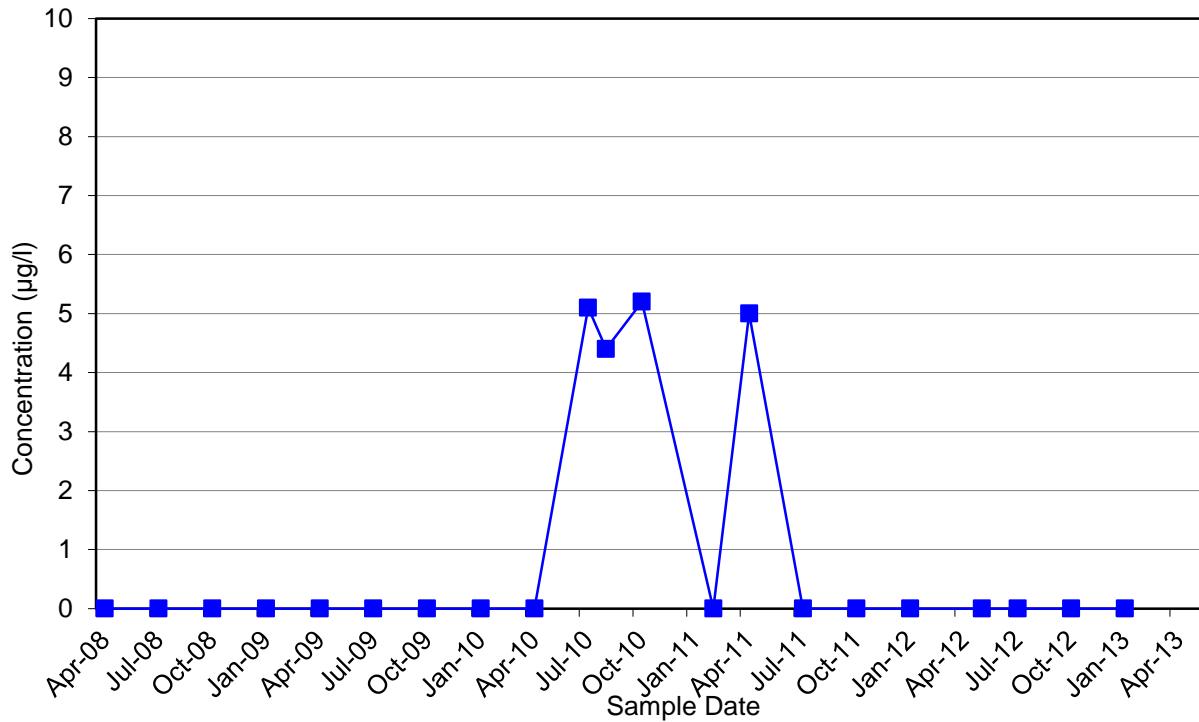
**trans 1,2-DICHLOROETHENE**

Cleanup Level (ESP) = 100 µg/l

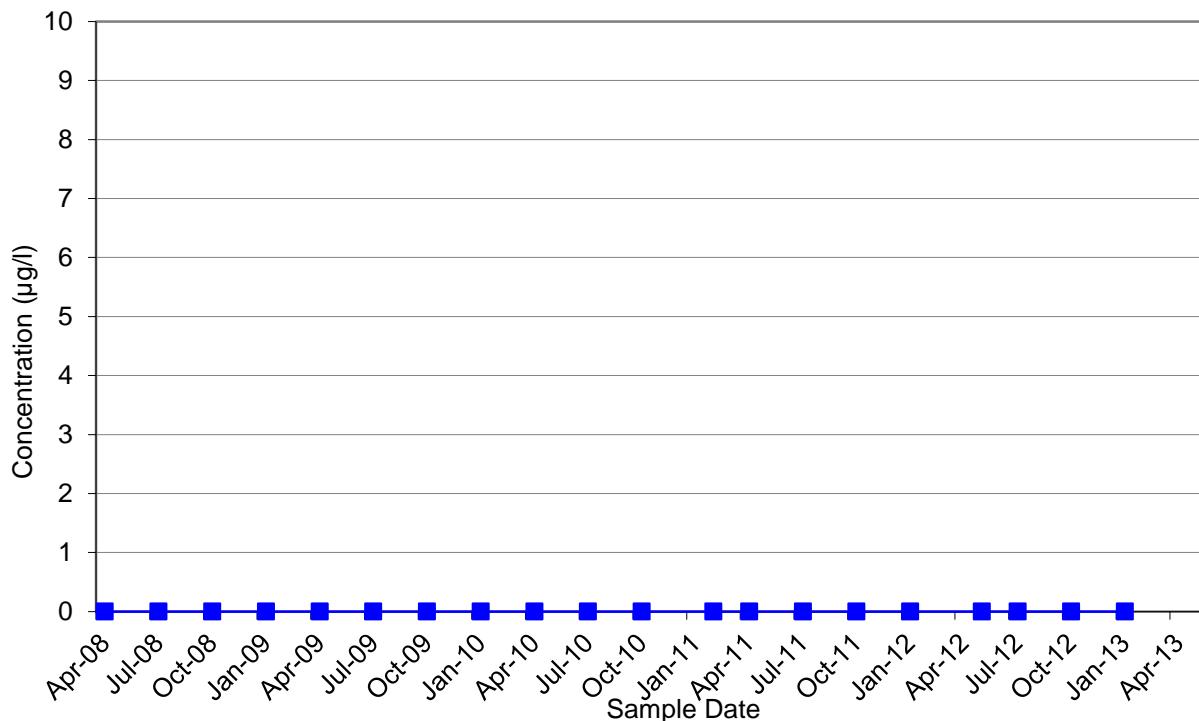


CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

**TRICHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l

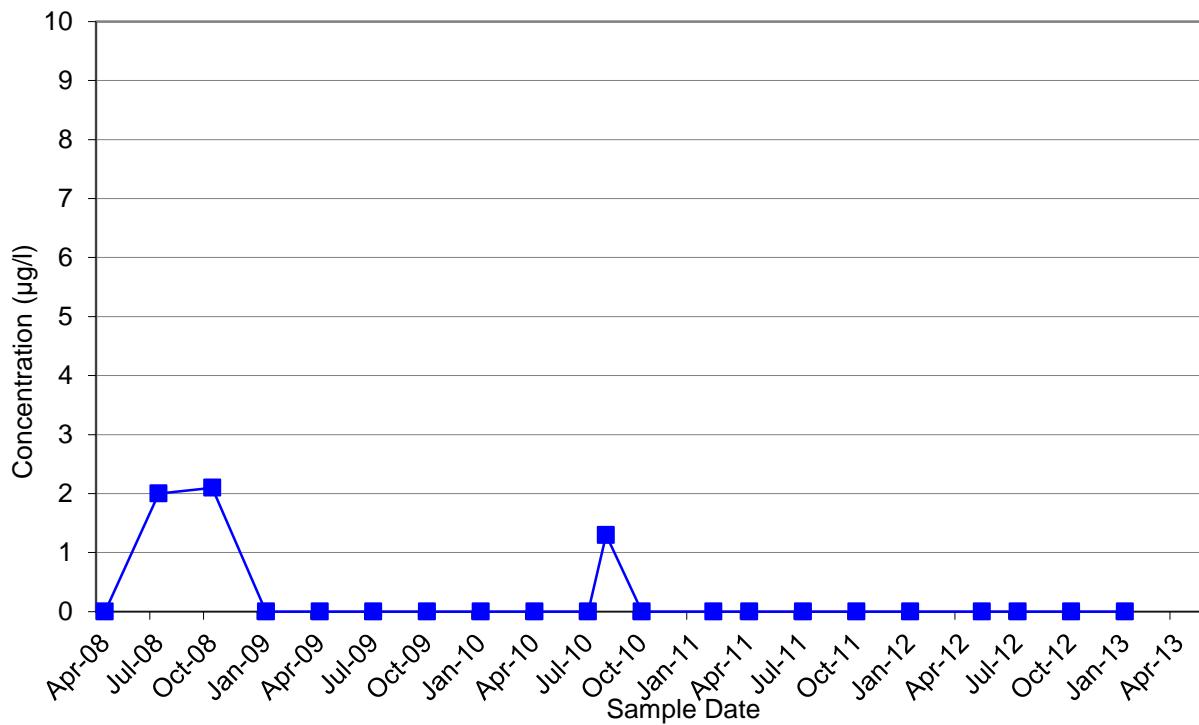


**TRICHLOROMETHANE**  
Cleanup Level (ESP) = 80 µg/l



CHRIN BROTHERS LANDFILL  
MW-1  
TIME SERIES CHARTS

**VINYL CHLORIDE**  
Cleanup Level (ESP) = 2 µg/l



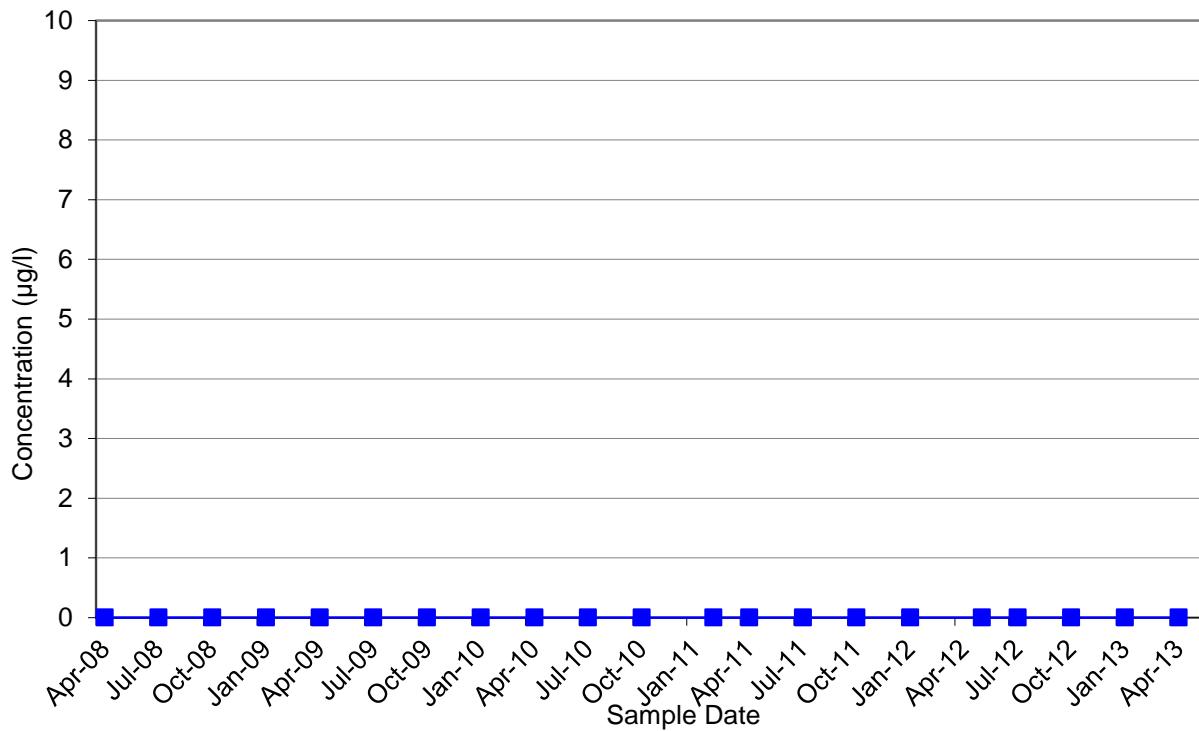
Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.
2. No sample was collected during the second quarter of 2013.

CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS

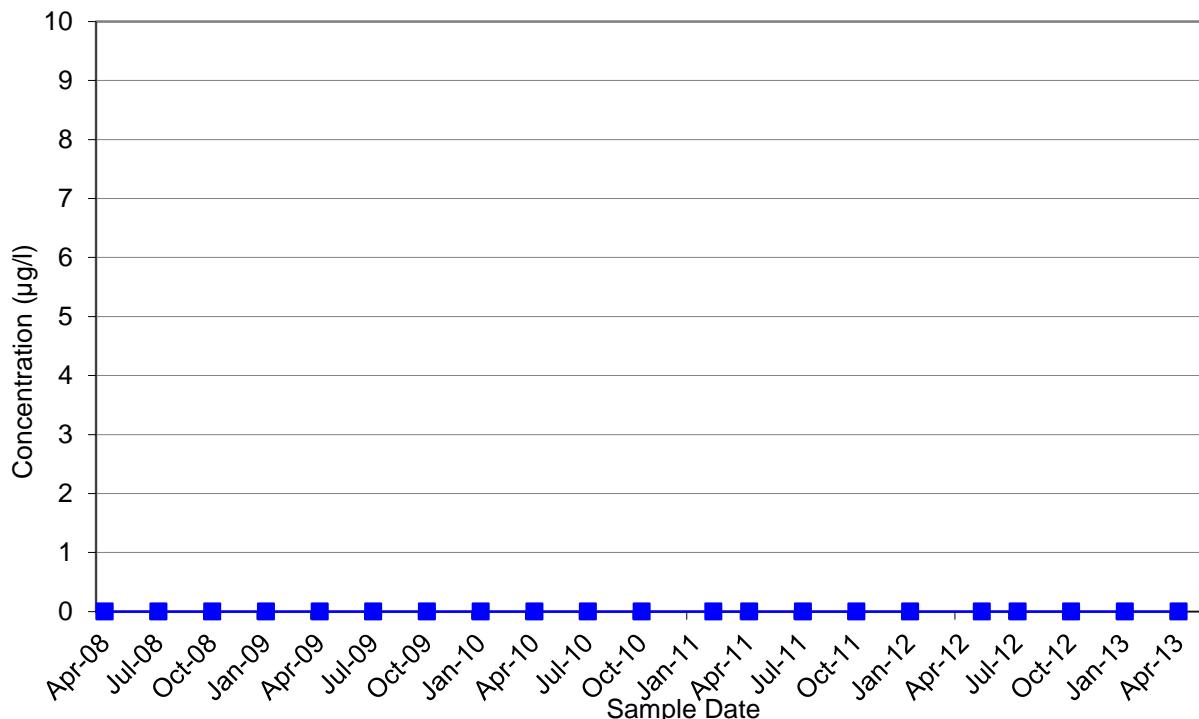
**1,1,1-TRICHLOROETHANE**

Cleanup Level (ESP) = 200 µg/l



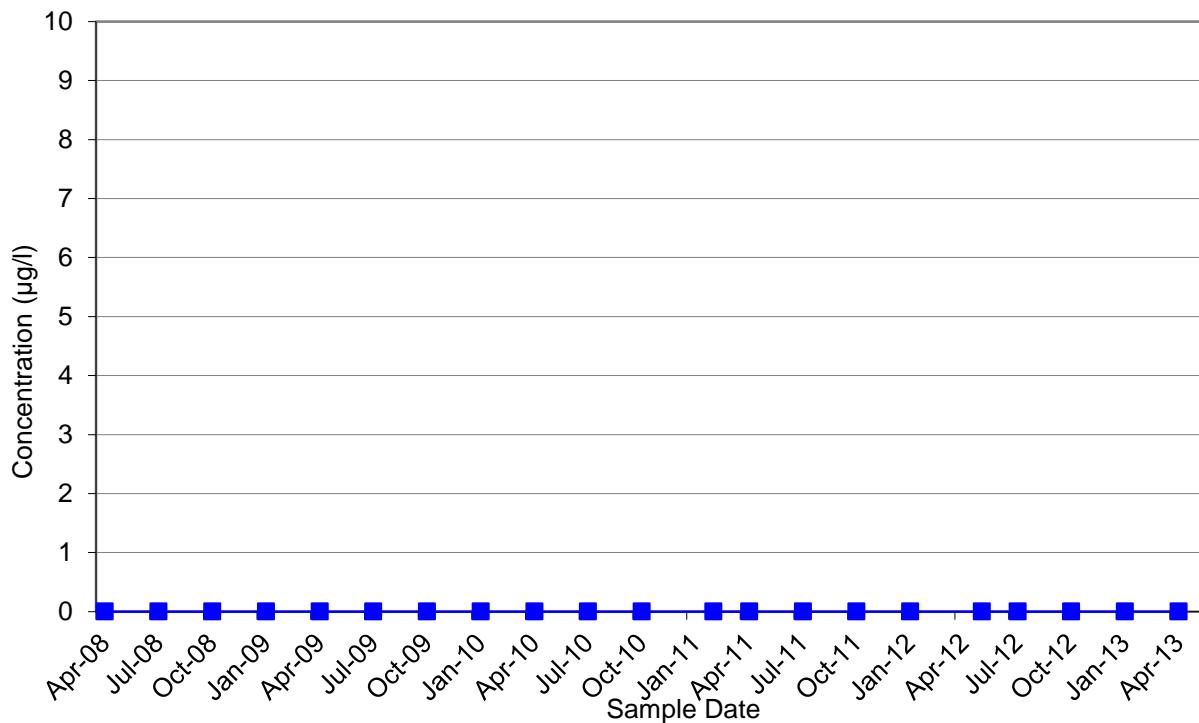
**1,1-DICHLOROETHANE**

Cleanup Level (ESP) = 31 µg/l

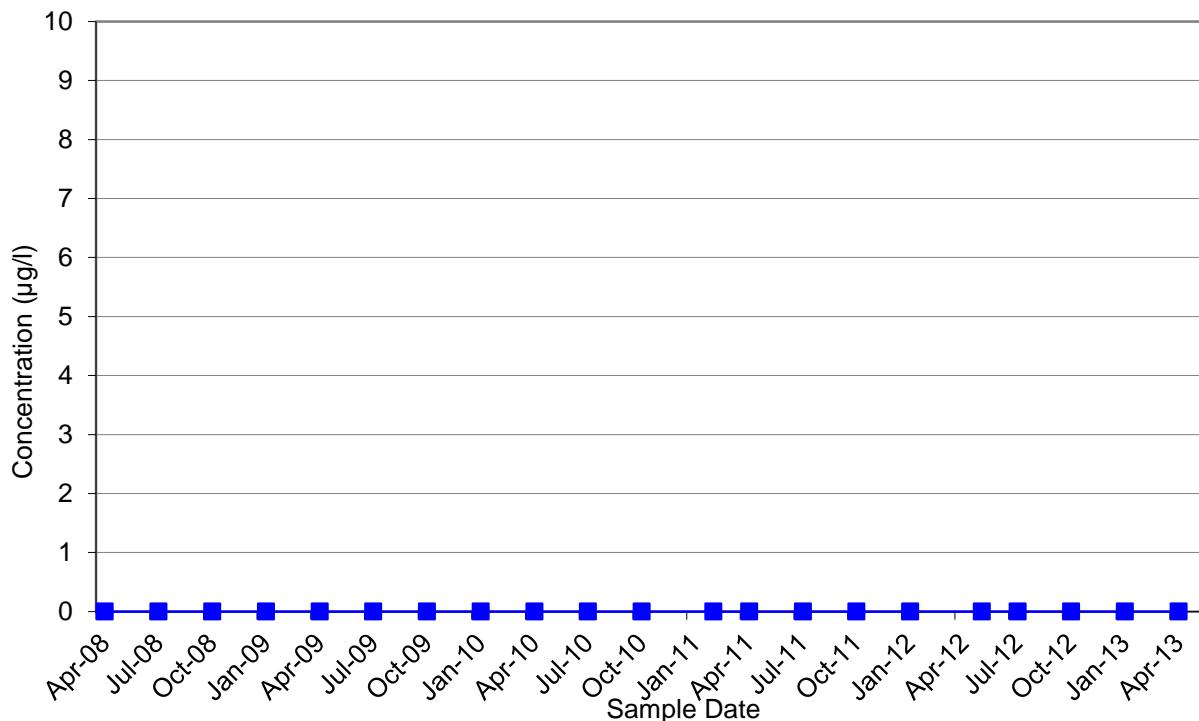


CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS

**1,1-DICHLOROETHENE**  
Cleanup Level (ESP) = 7 µg/l

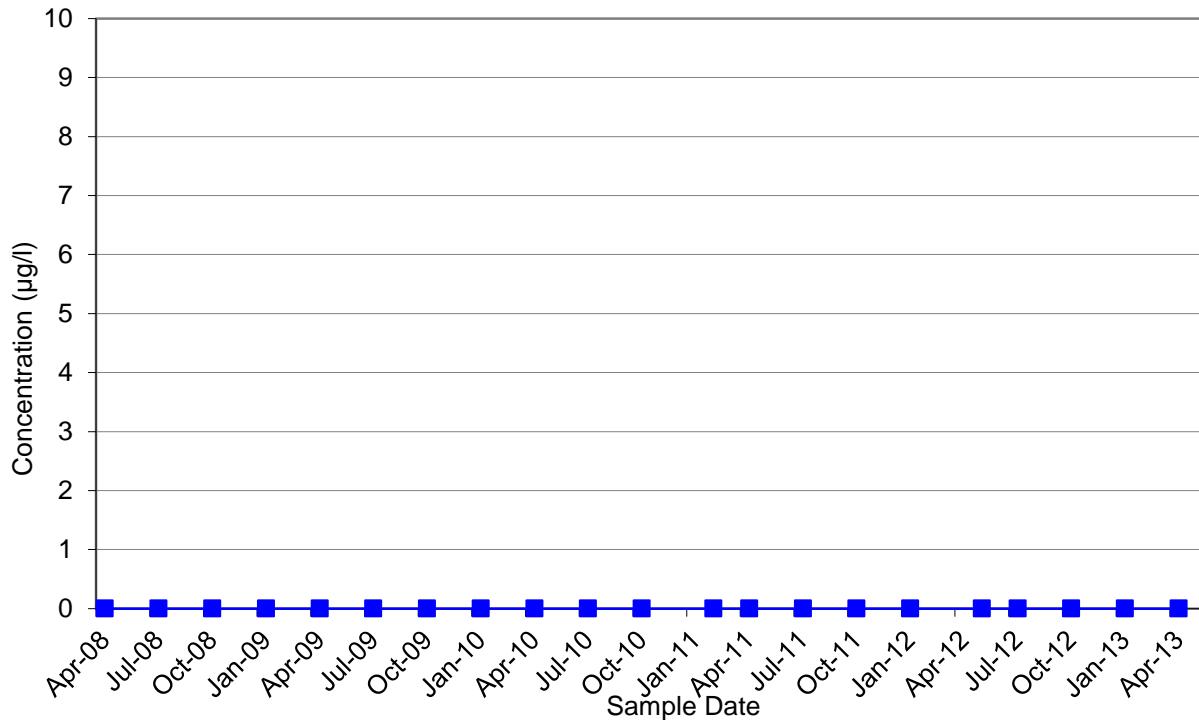


**1,2-DICHLOROETHANE**  
Cleanup Level (ESP) = 5 µg/l

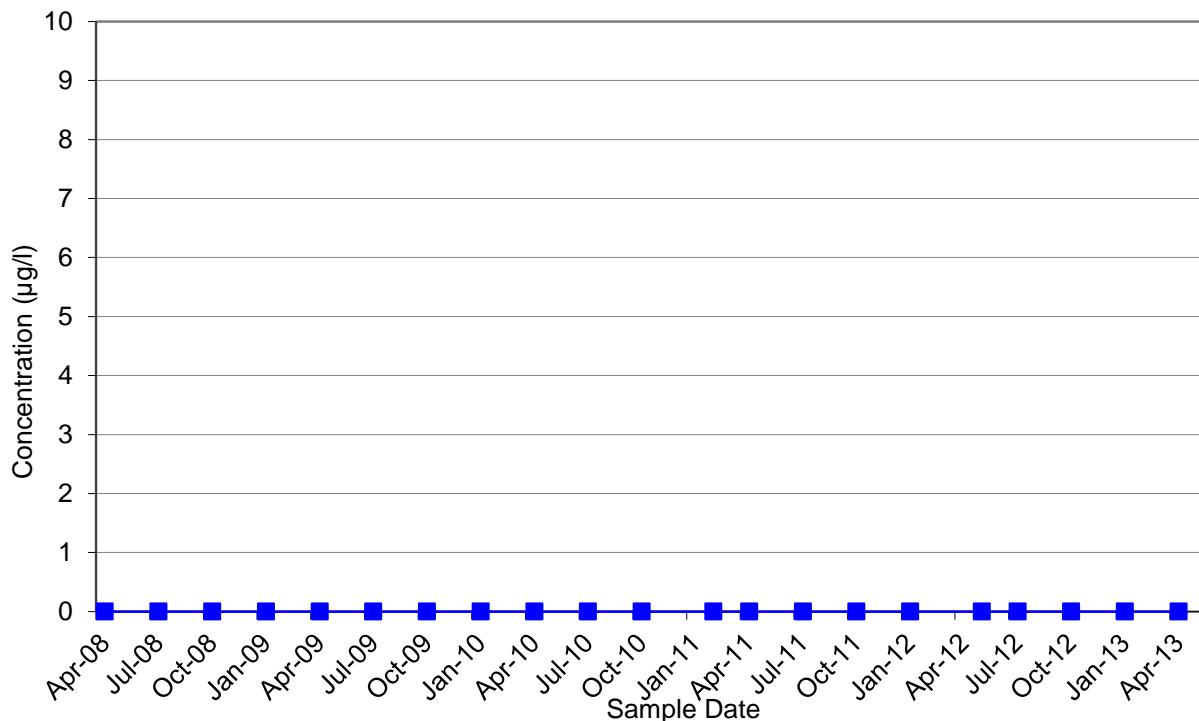


CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS

**1,2-DICHLOROPROPANE**  
Cleanup Level (ESP) = 5 µg/l

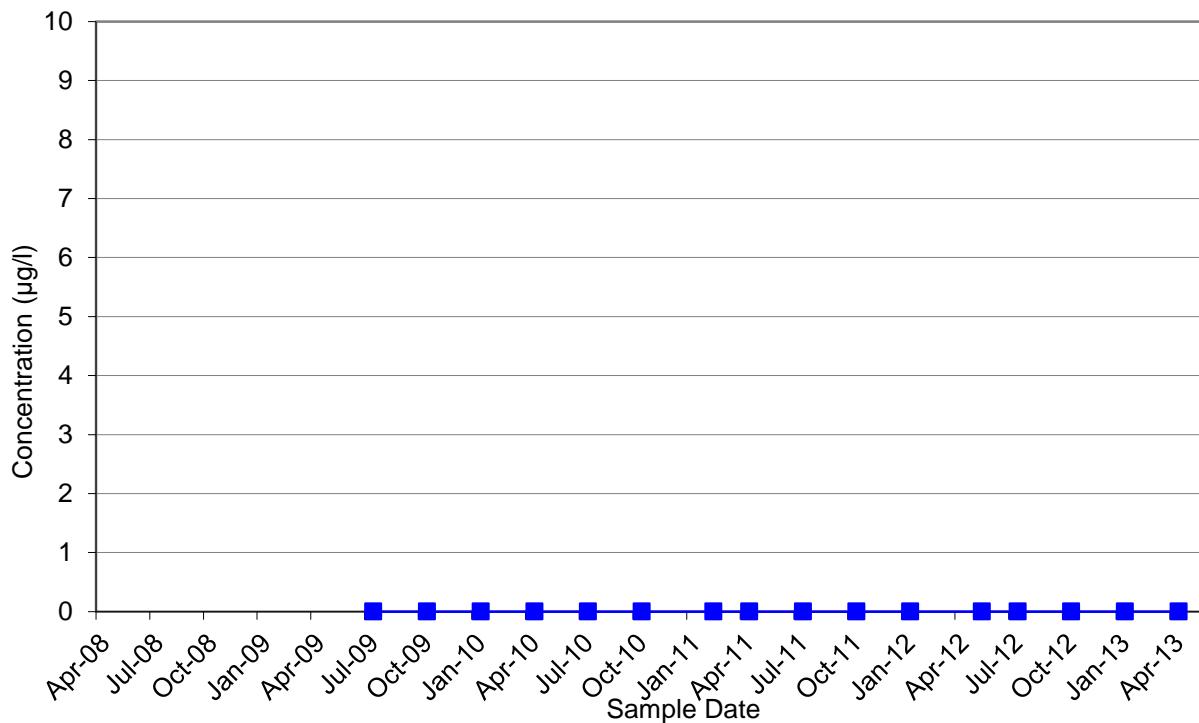


**1,4-DICHLOROBENZENE**  
Cleanup Level (ESP) = 75 µg/l



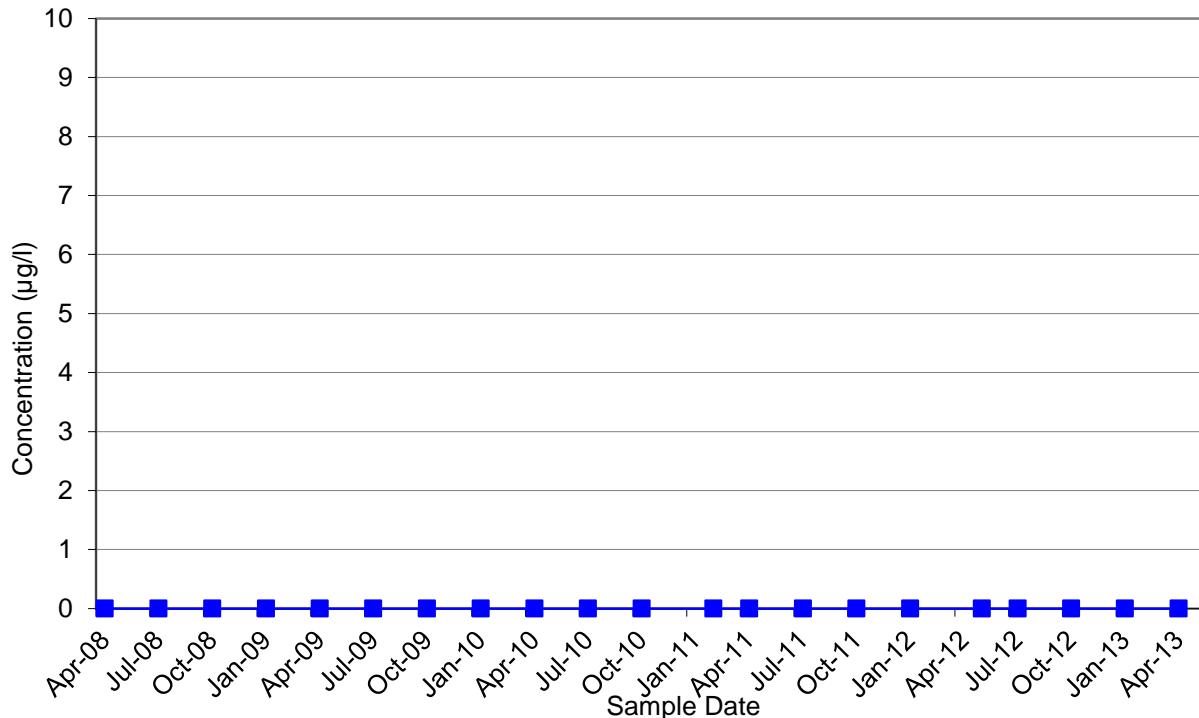
CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS

**1,4-DIOXANE**



**BENZENE**

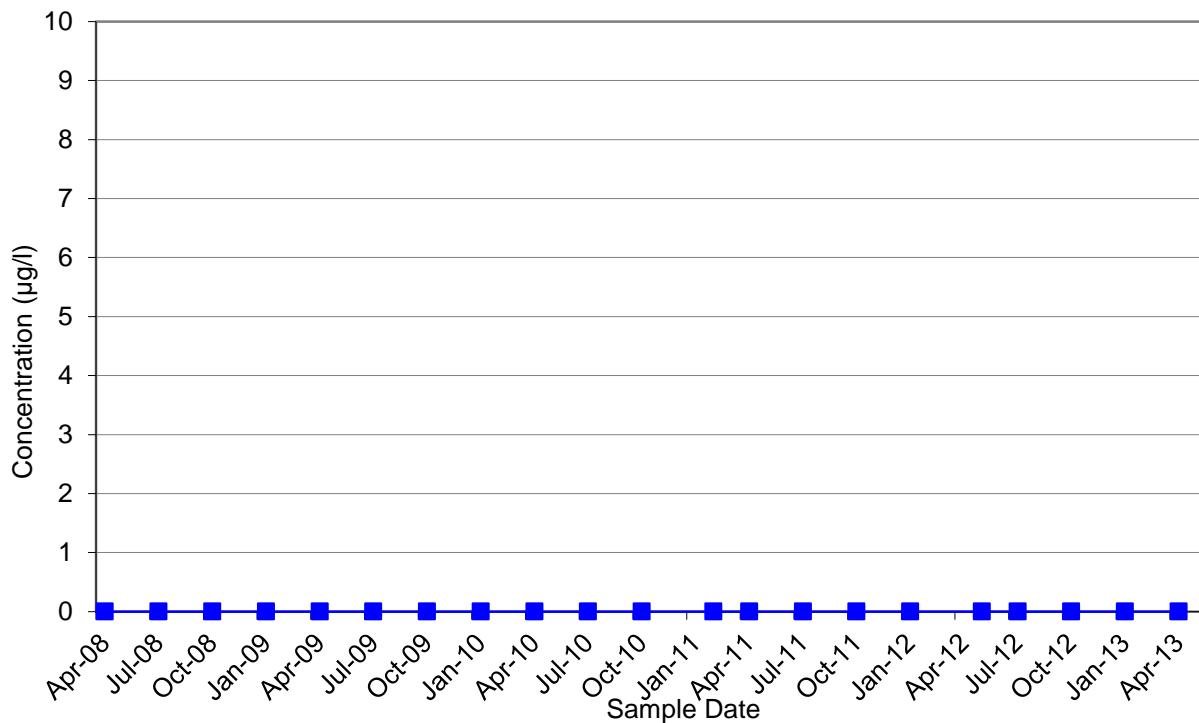
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS

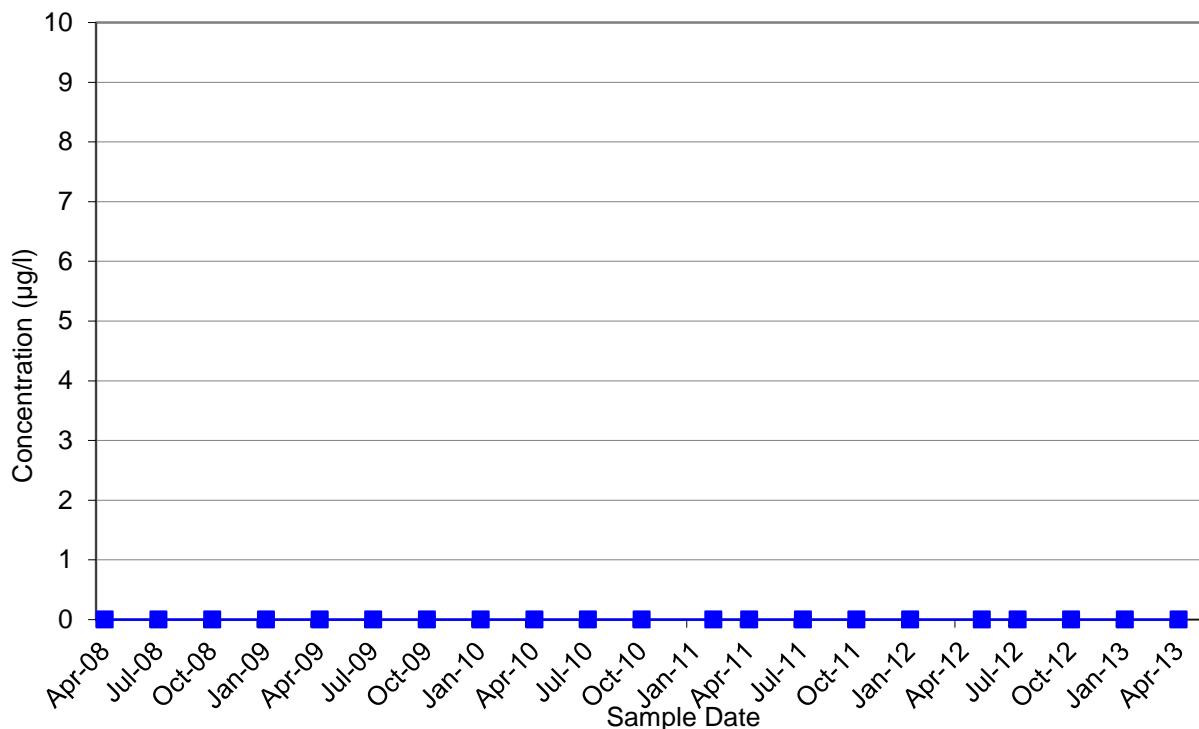
**CARBON TETRACHLORIDE**

Cleanup Level (ESP) = 5 µg/l



**CHLOROBENZENE**

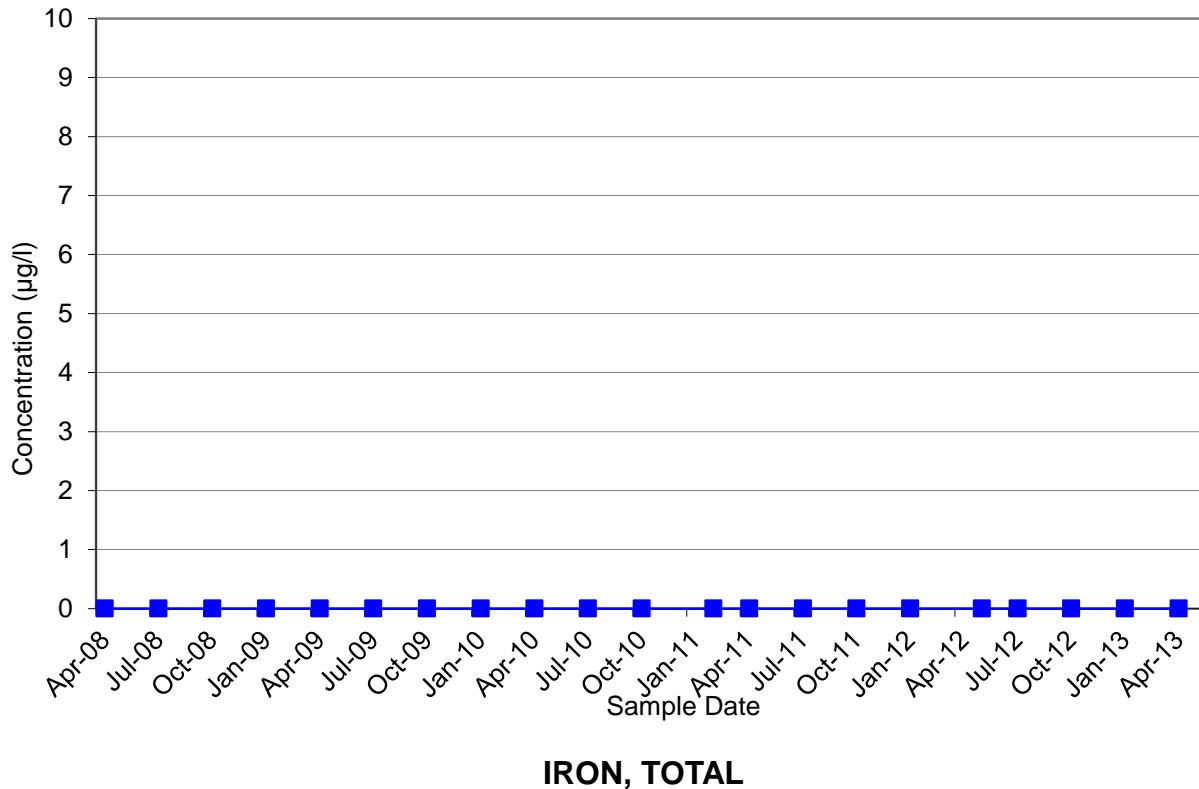
Cleanup Level (ESP) = 100 µg/l



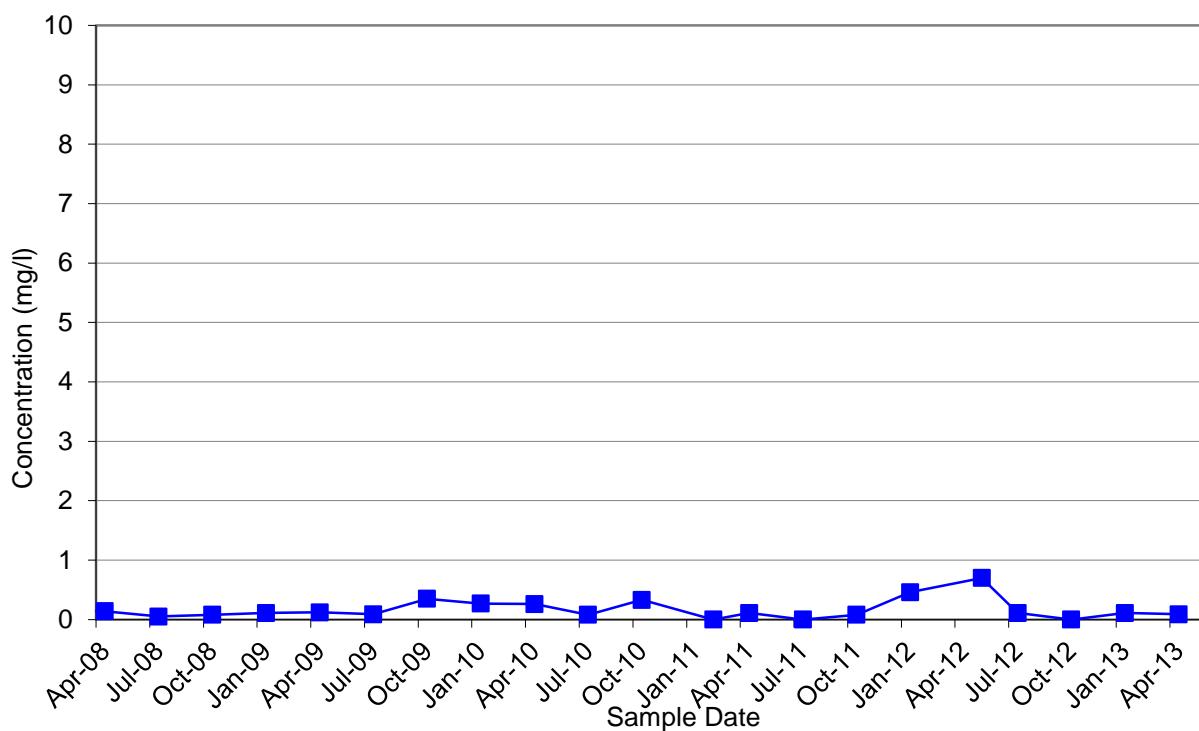
CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS

**cis 1,2-DICHLOROETHENE**

Cleanup Level (ESP) = 70 µg/l

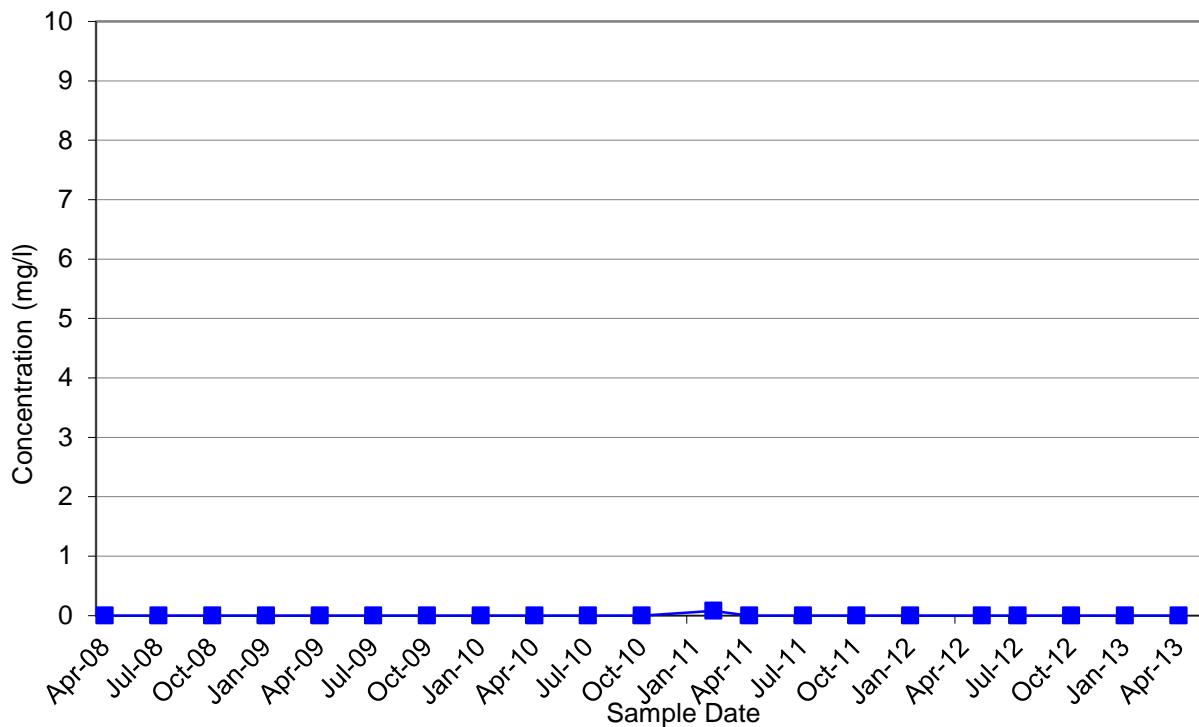


**IRON, TOTAL**

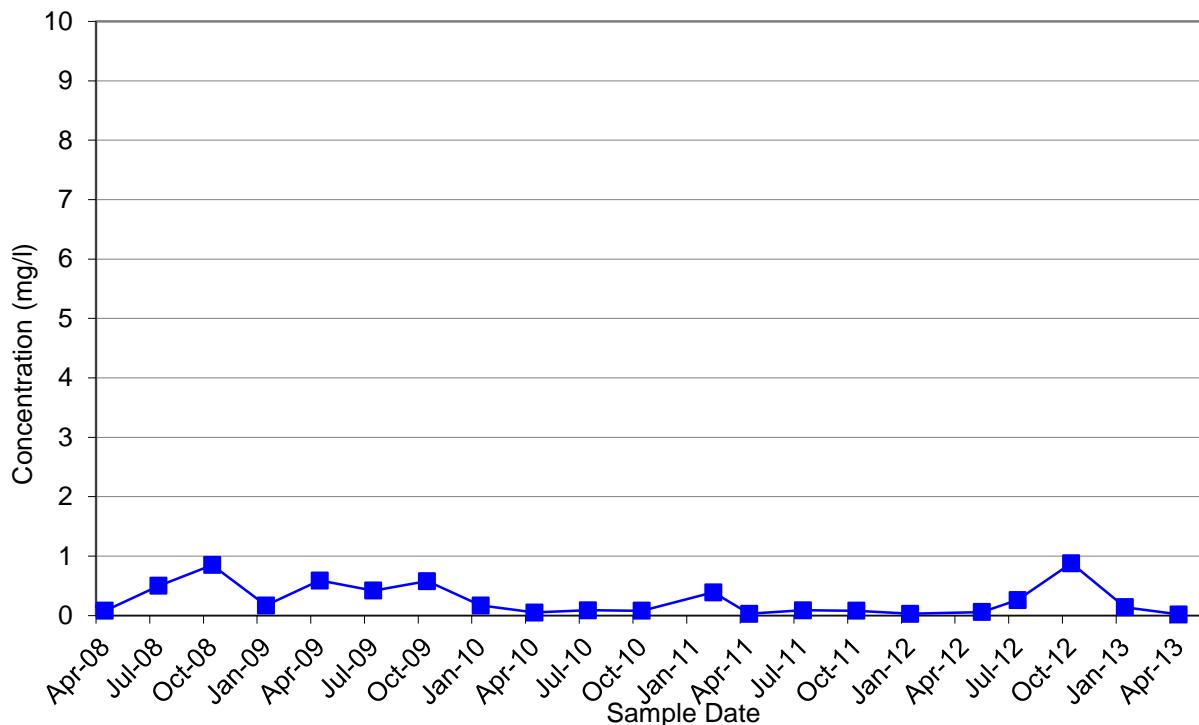


CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS

**IRON, DISSOLVED**

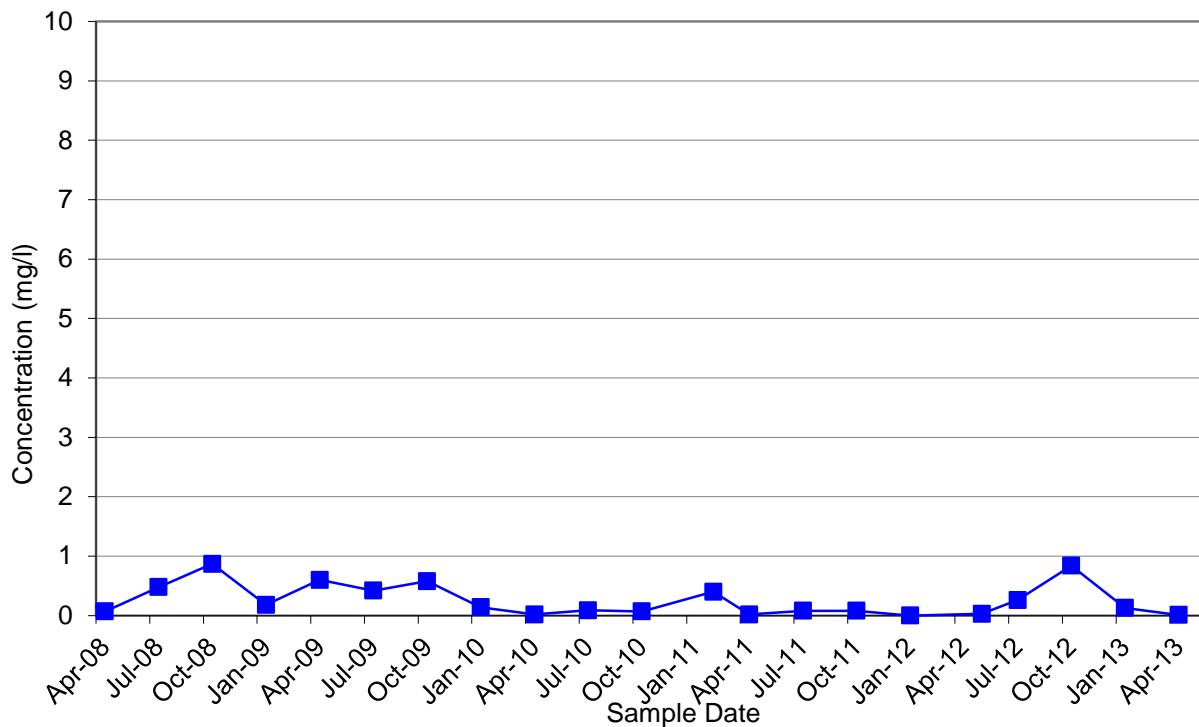


**MANGANESE, TOTAL**



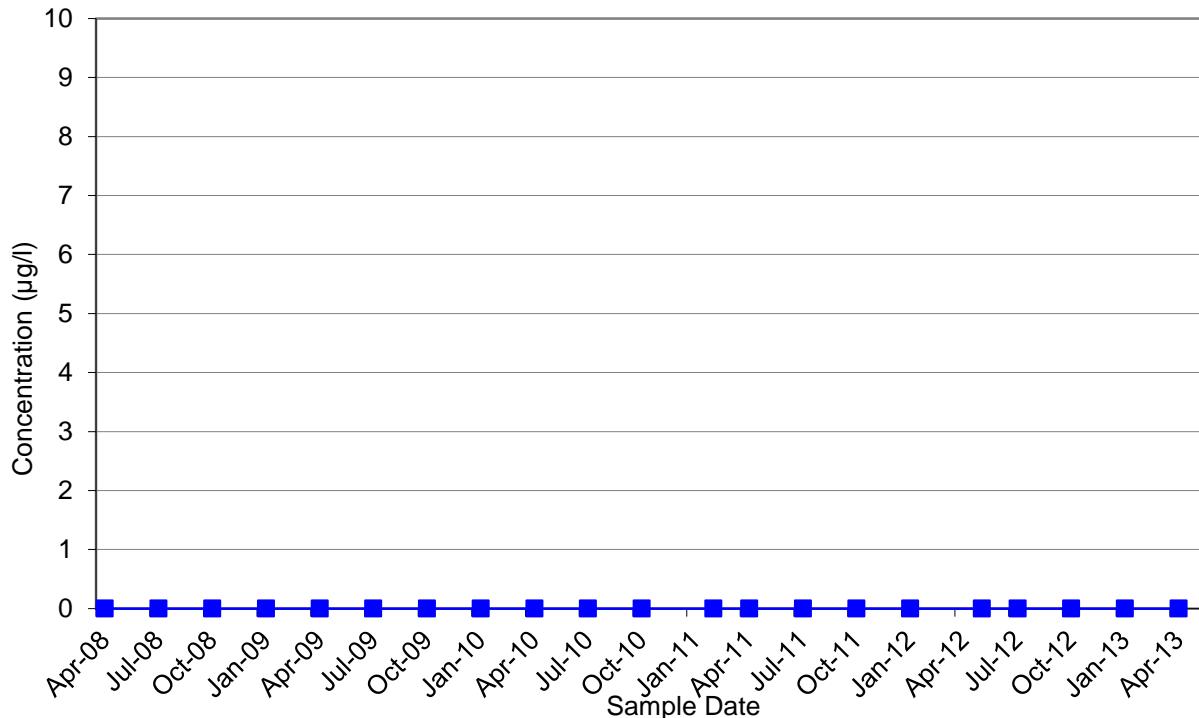
CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS

**MANGANESE, DISSOLVED**



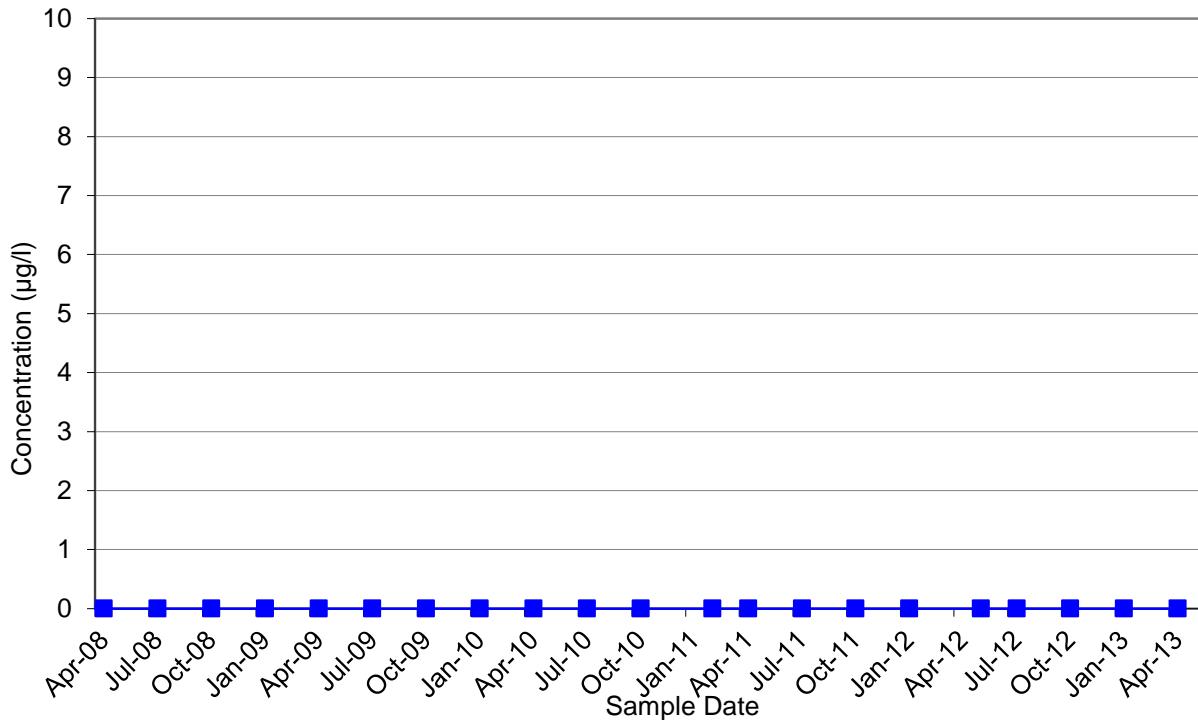
**METHYLENE CHLORIDE**

Cleanup Level (ESP) = 5 µg/l

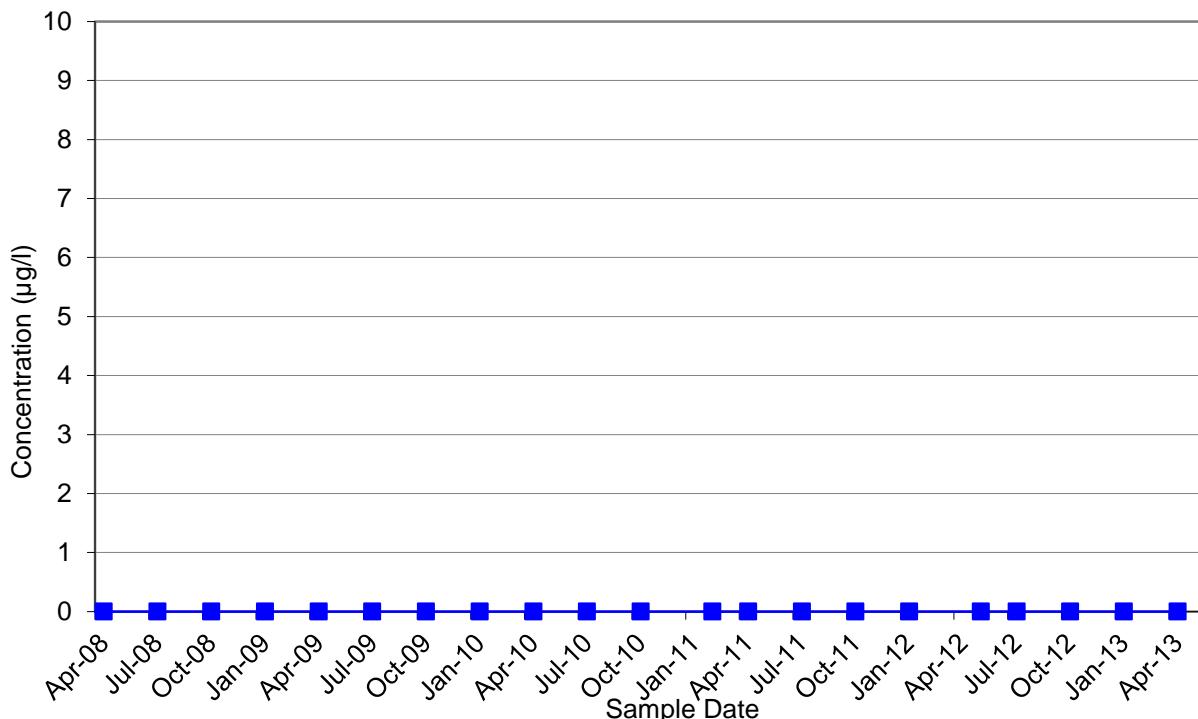


CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS

**TETRACHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l

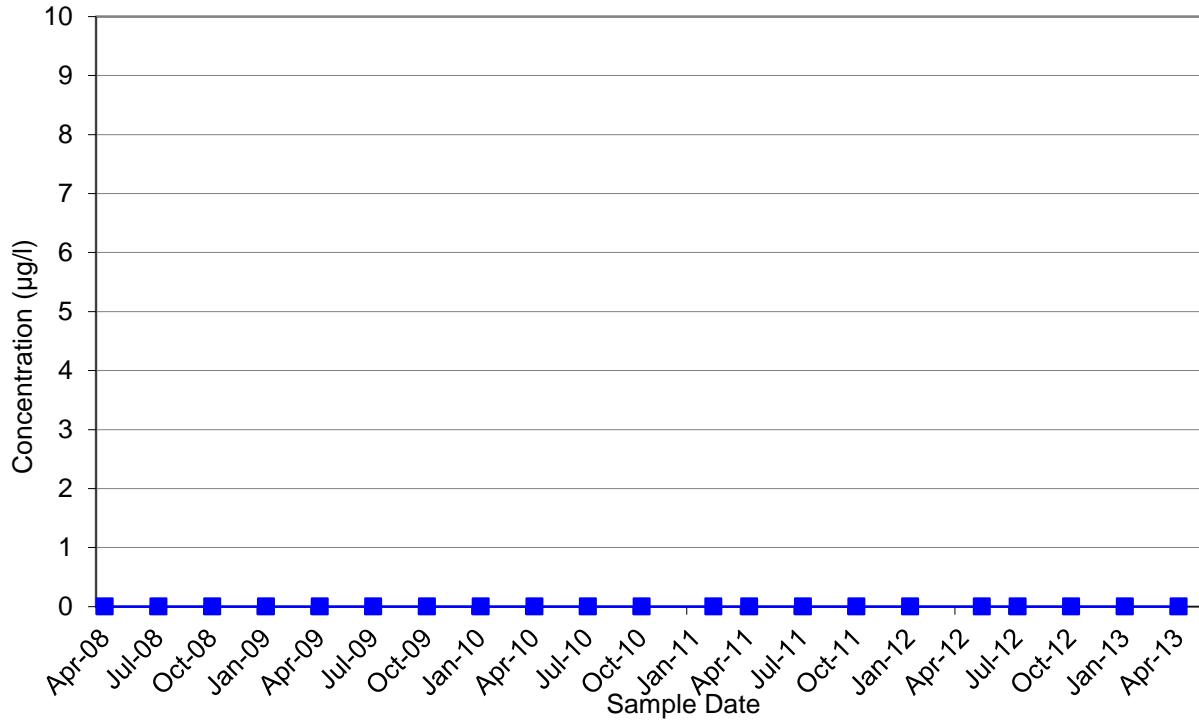


**trans 1,2-DICHLOROETHENE**  
Cleanup Level (ESP) = 100 µg/l

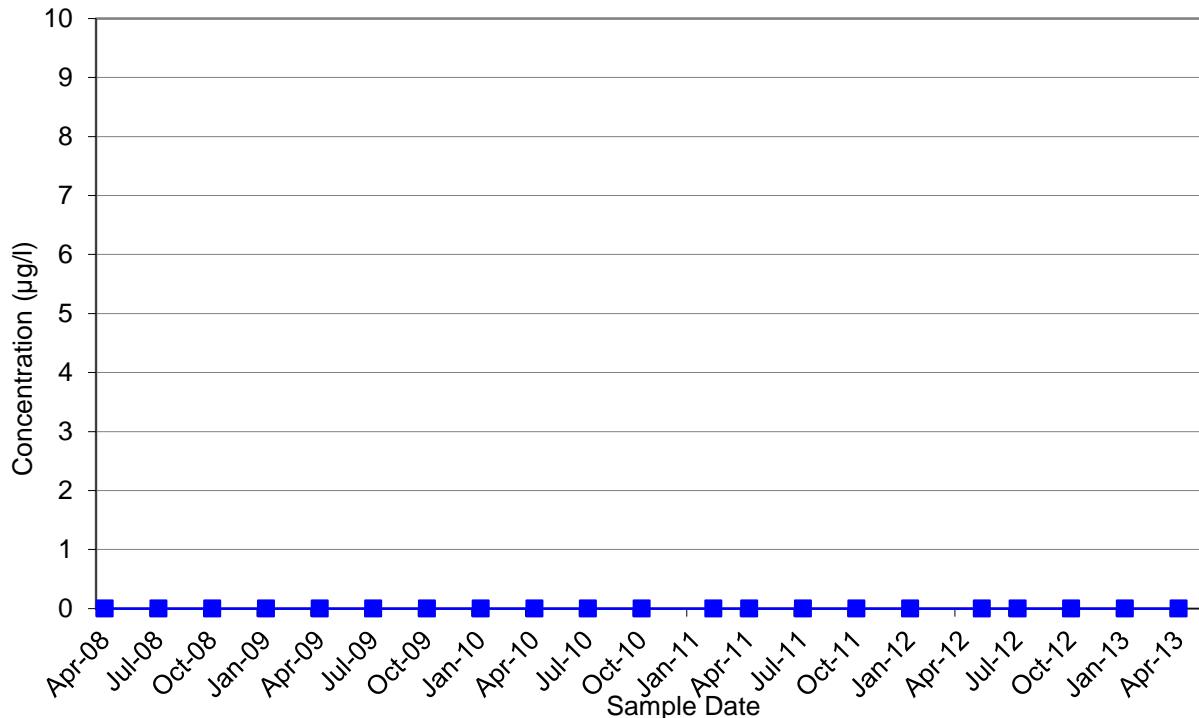


CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS

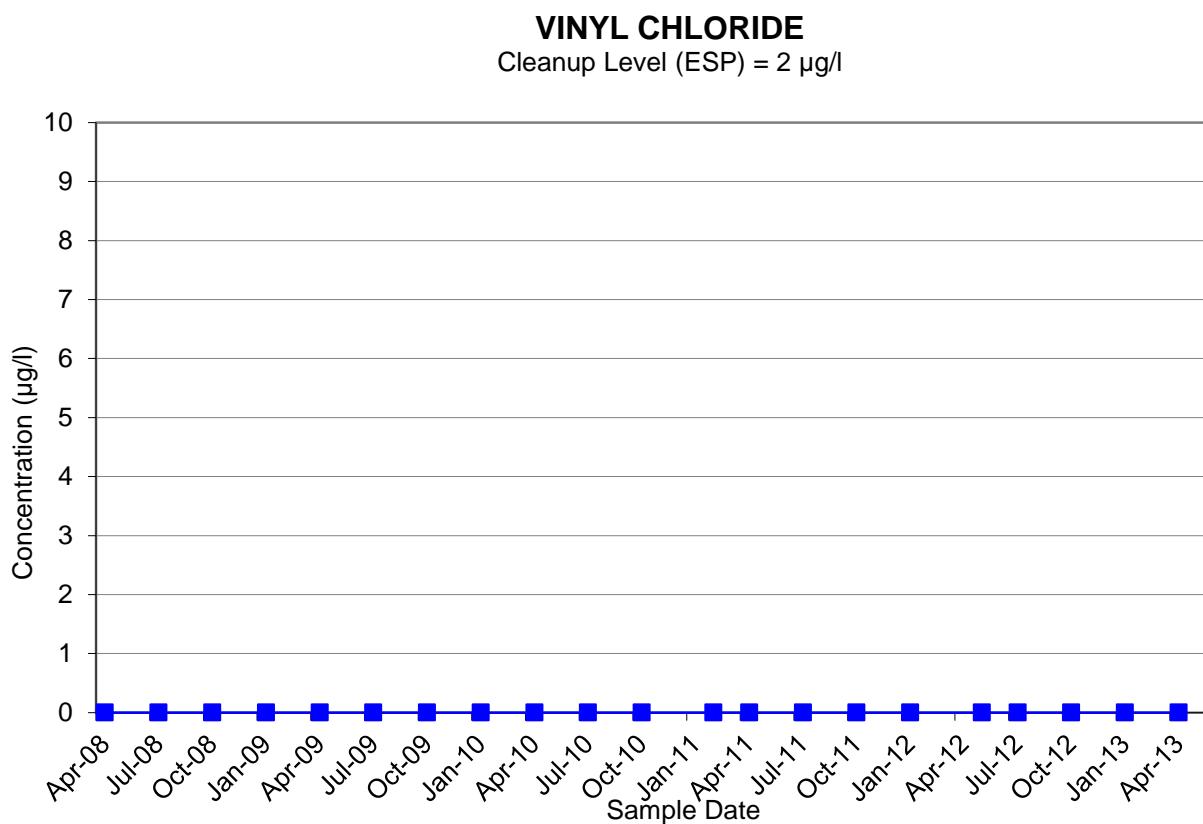
**TRICHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l



**TRICHLOROMETHANE**  
Cleanup Level (ESP) = 80 µg/l



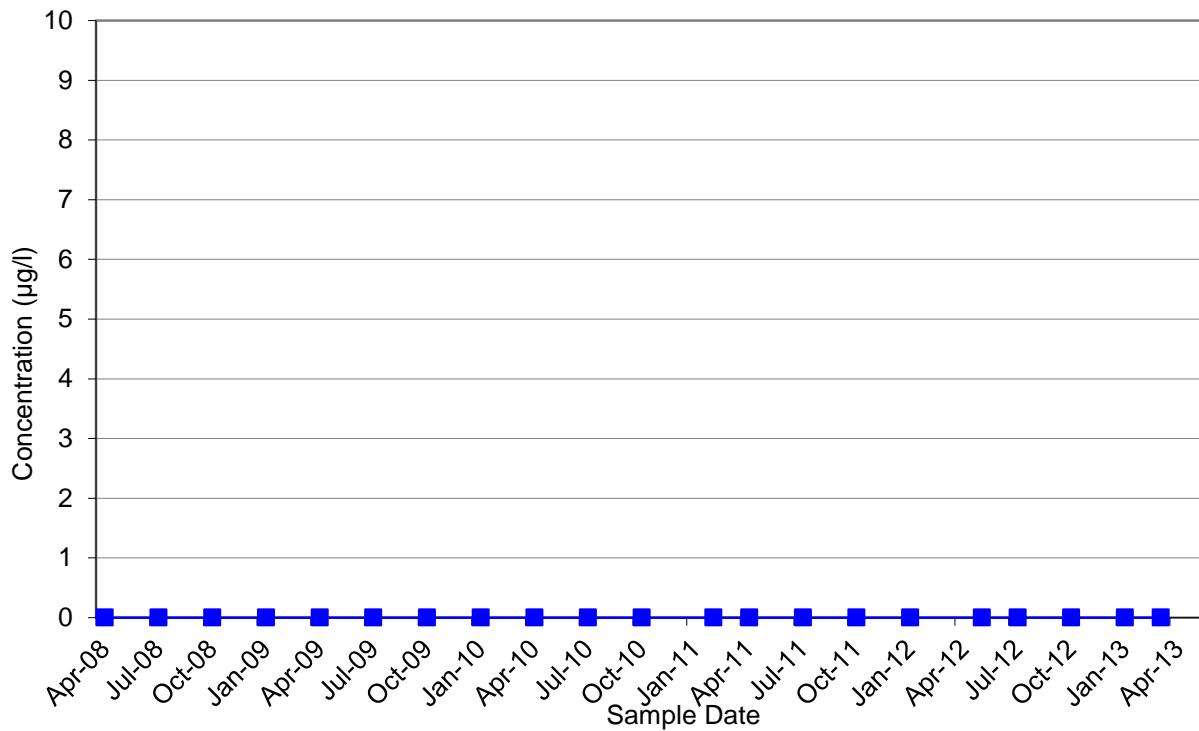
CHRIN BROTHERS LANDFILL  
MW-2  
TIME SERIES CHARTS



CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS

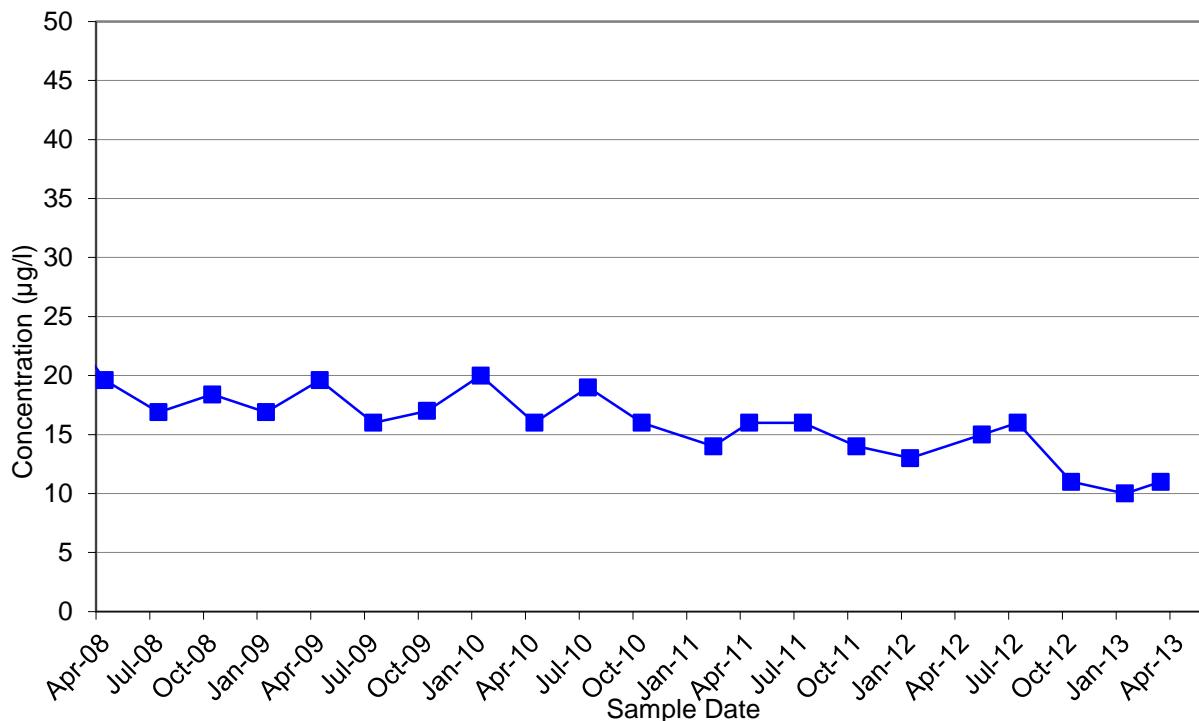
**1,1,1-TRICHLOROETHANE**

Cleanup Level (ESP) = 200 µg/l



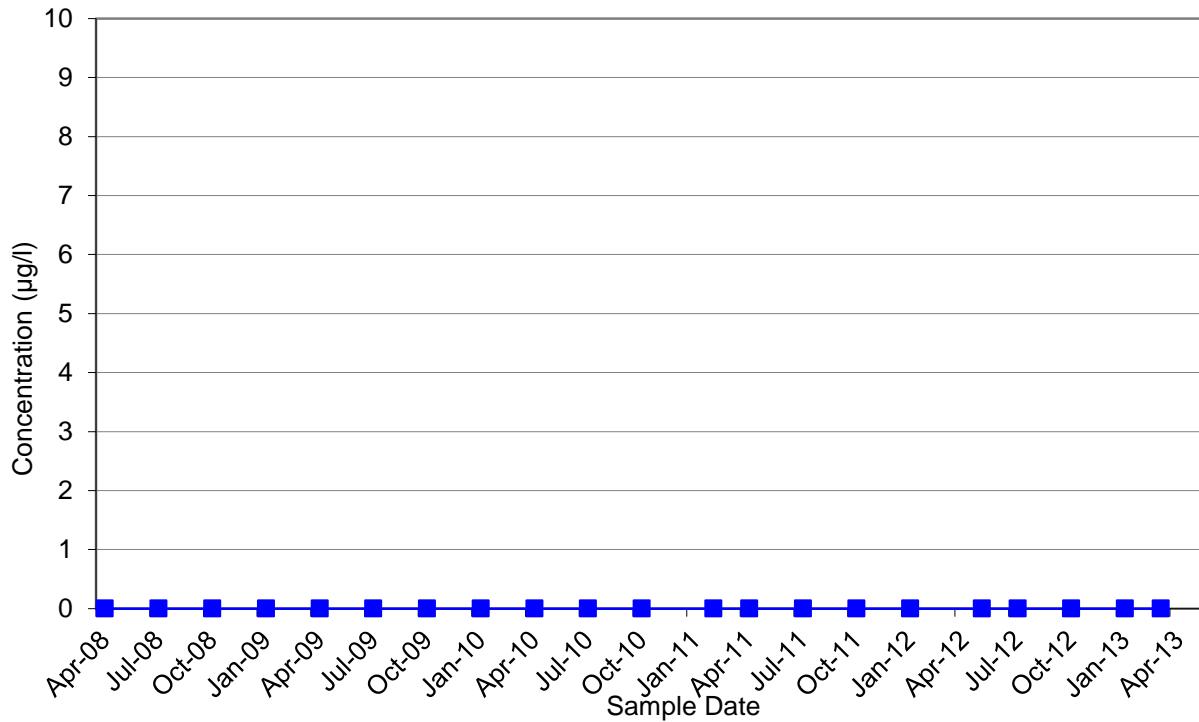
**1,1-DICHLOROETHANE**

Cleanup Level (ESP) = 31 µg/l

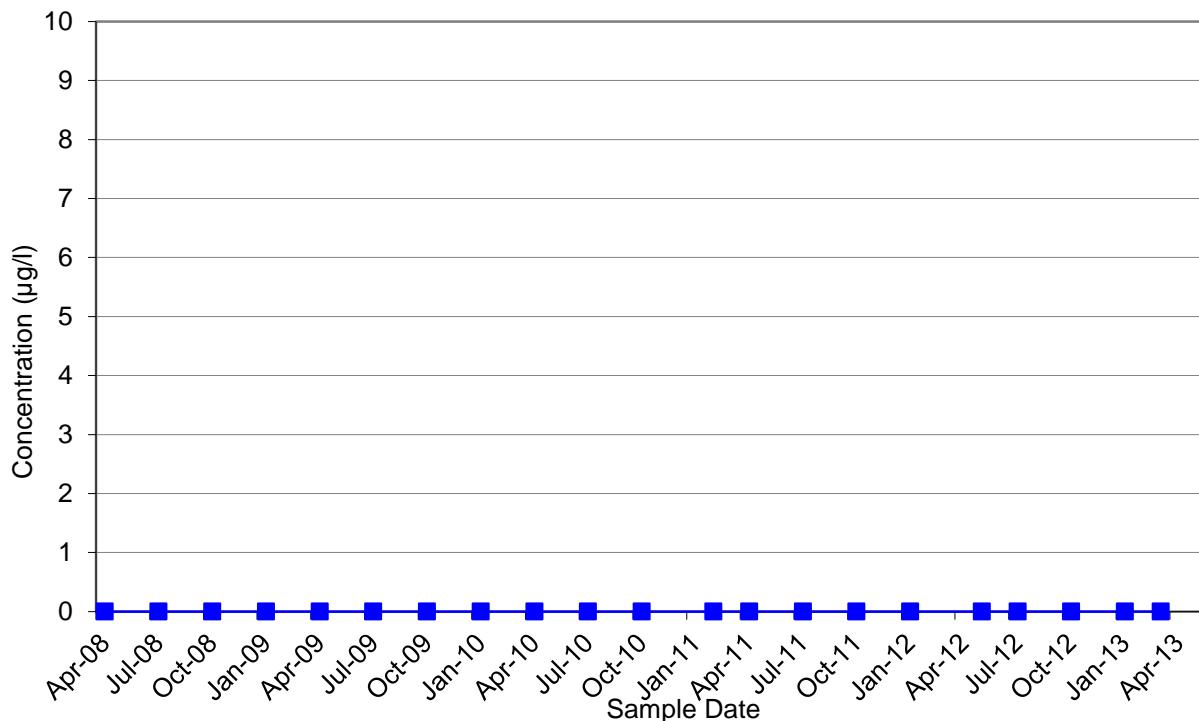


CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS

**1,1-DICHLOROETHENE**  
Cleanup Level (ESP) = 7 µg/l

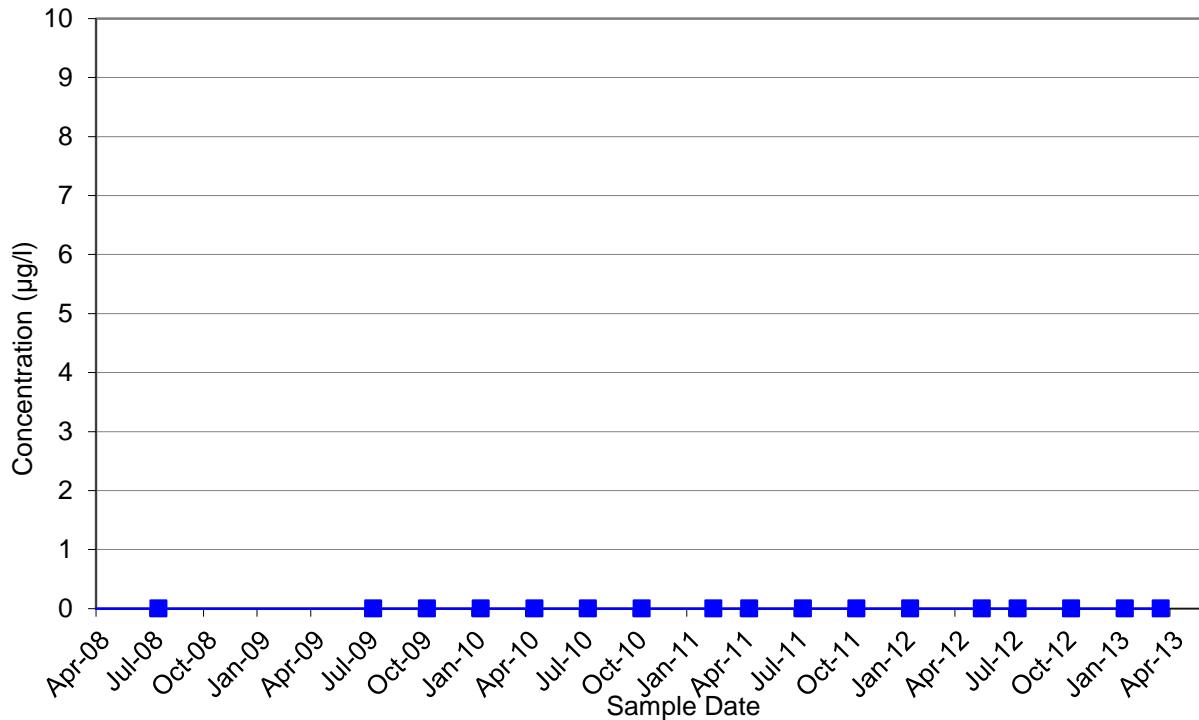


**1,2-DICHLOROETHANE**  
Cleanup Level (ESP) = 5 µg/l

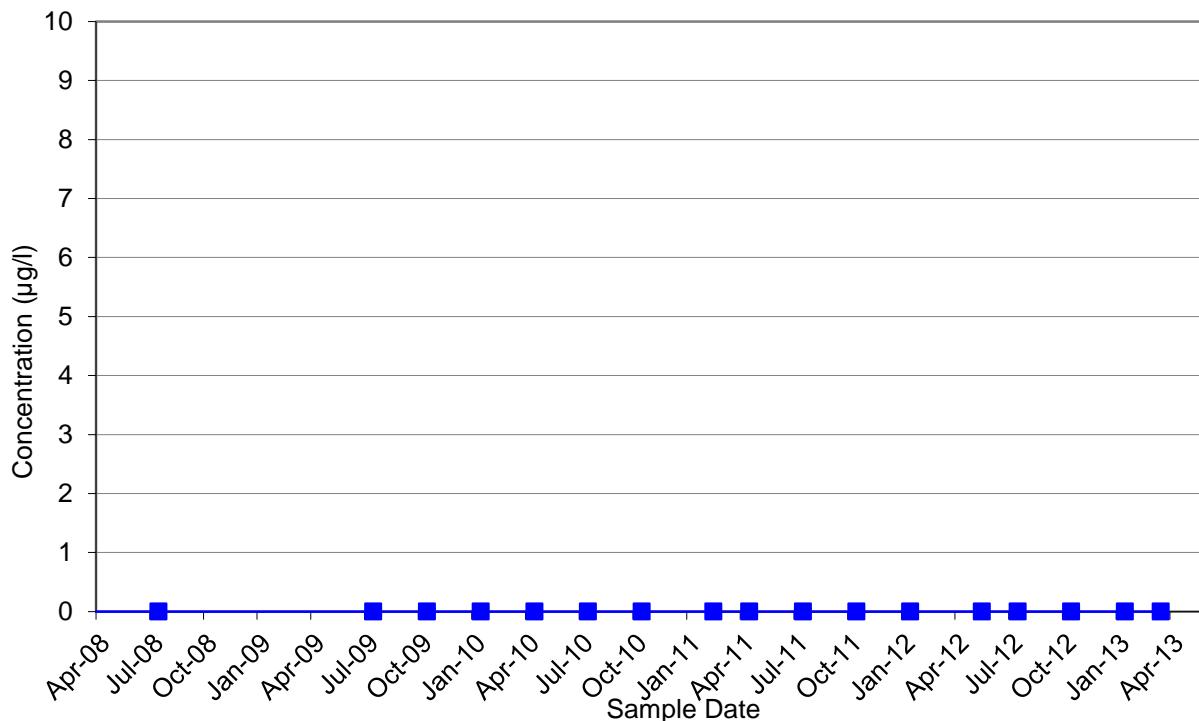


CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS

**1,2-DICHLOROPROPANE**  
Cleanup Level (ESP) = 5 µg/l

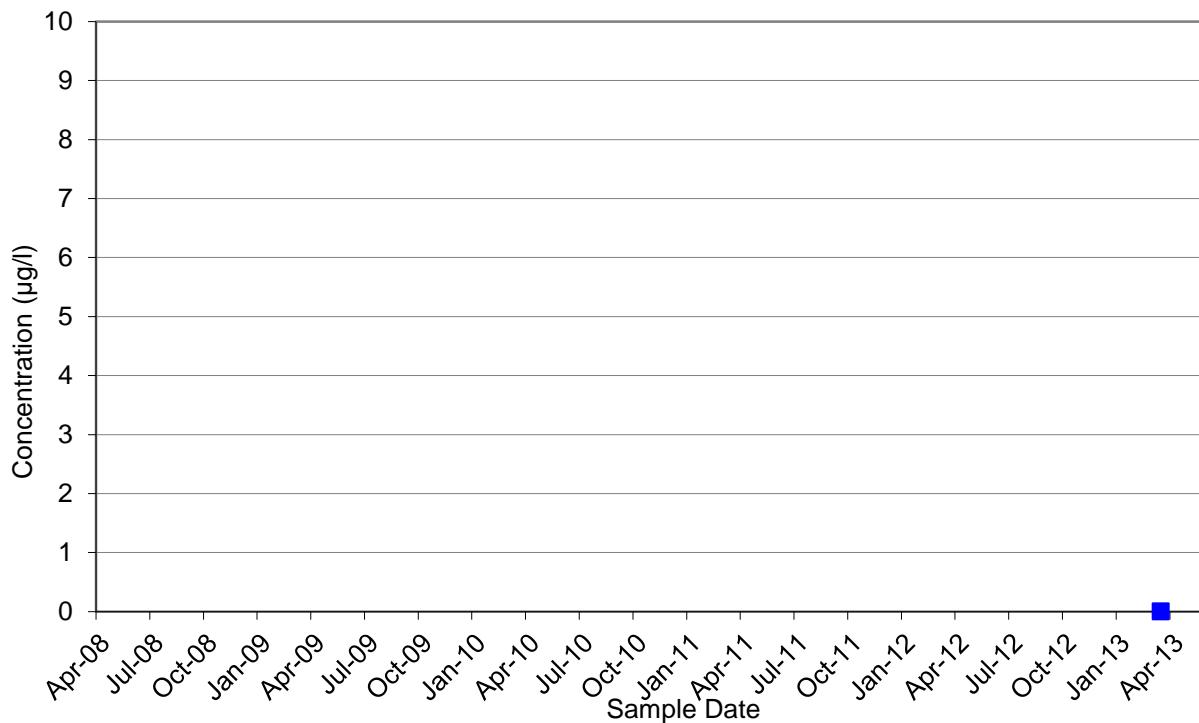


**1,4-DICHLOROBENZENE**  
Cleanup Level (ESP) = 75 µg/l



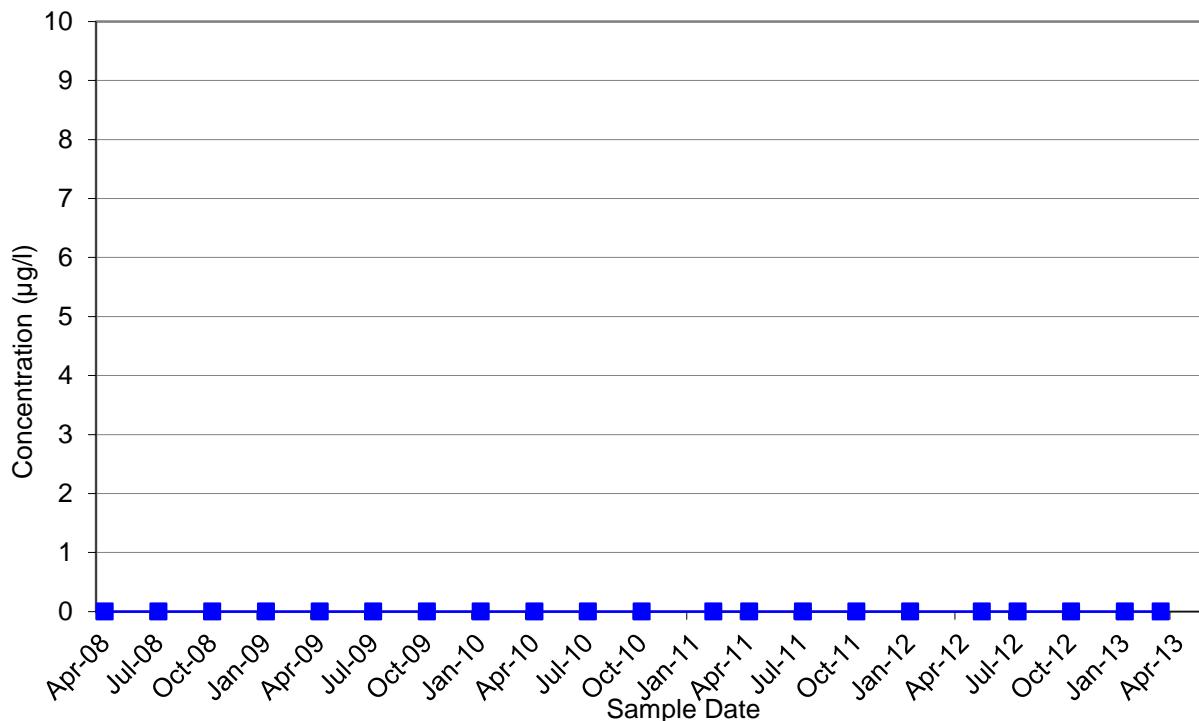
CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS

**1,4-DIOXANE**



**BENZENE**

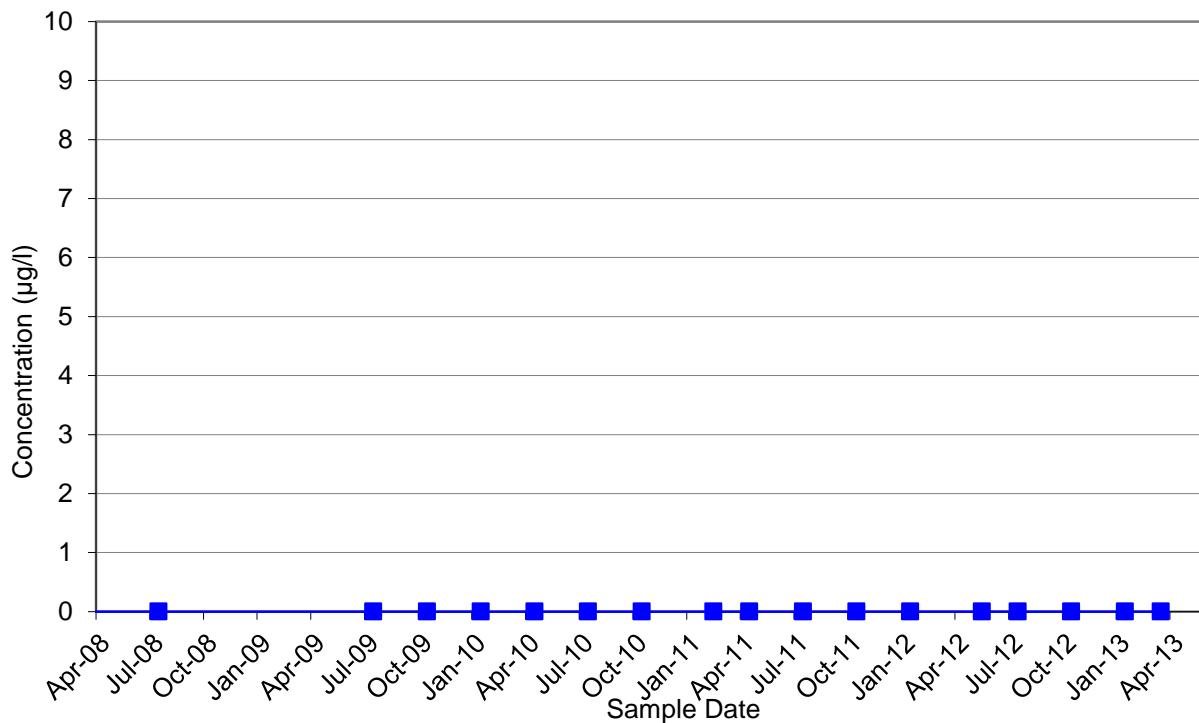
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS

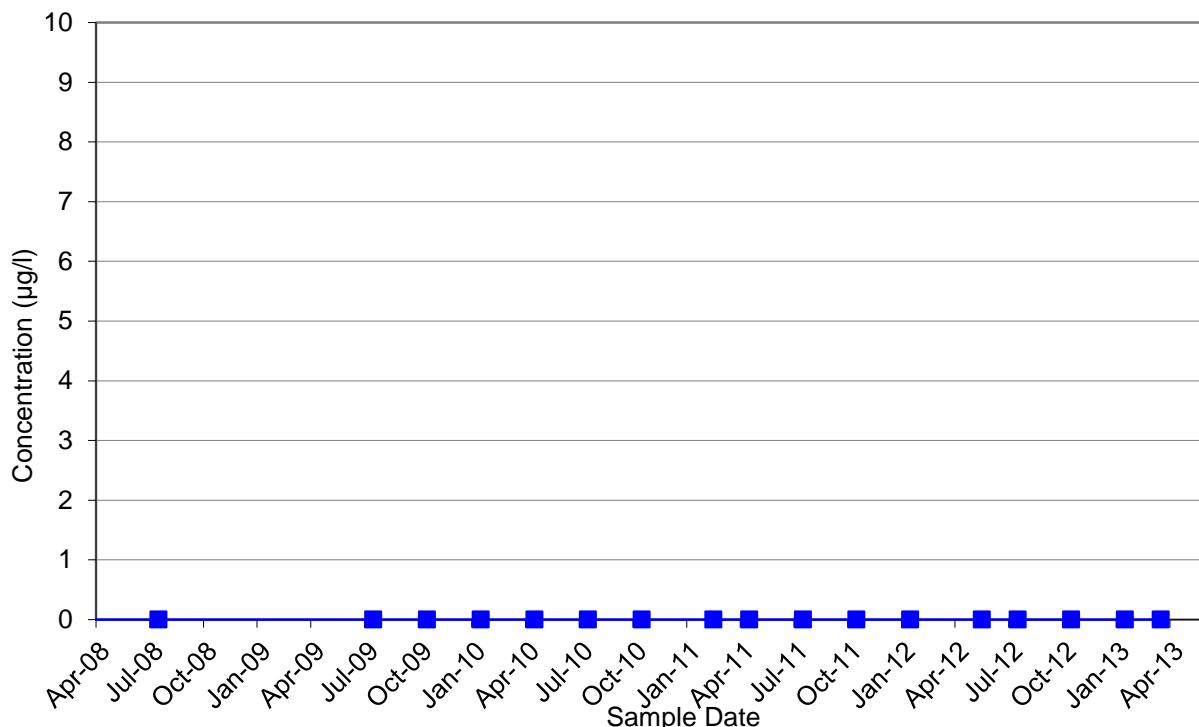
**CARBON TETRACHLORIDE**

Cleanup Level (ESP) = 5 µg/l



**CHLOROBENZENE**

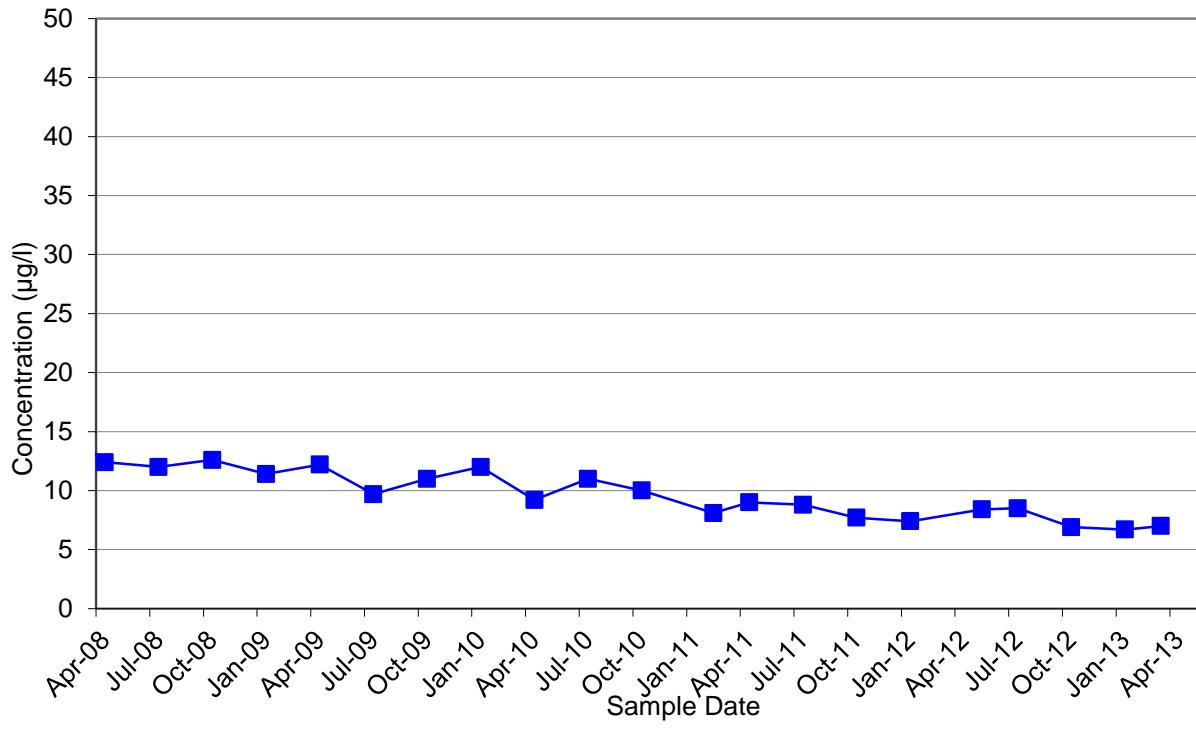
Cleanup Level (ESP) = 100 µg/l



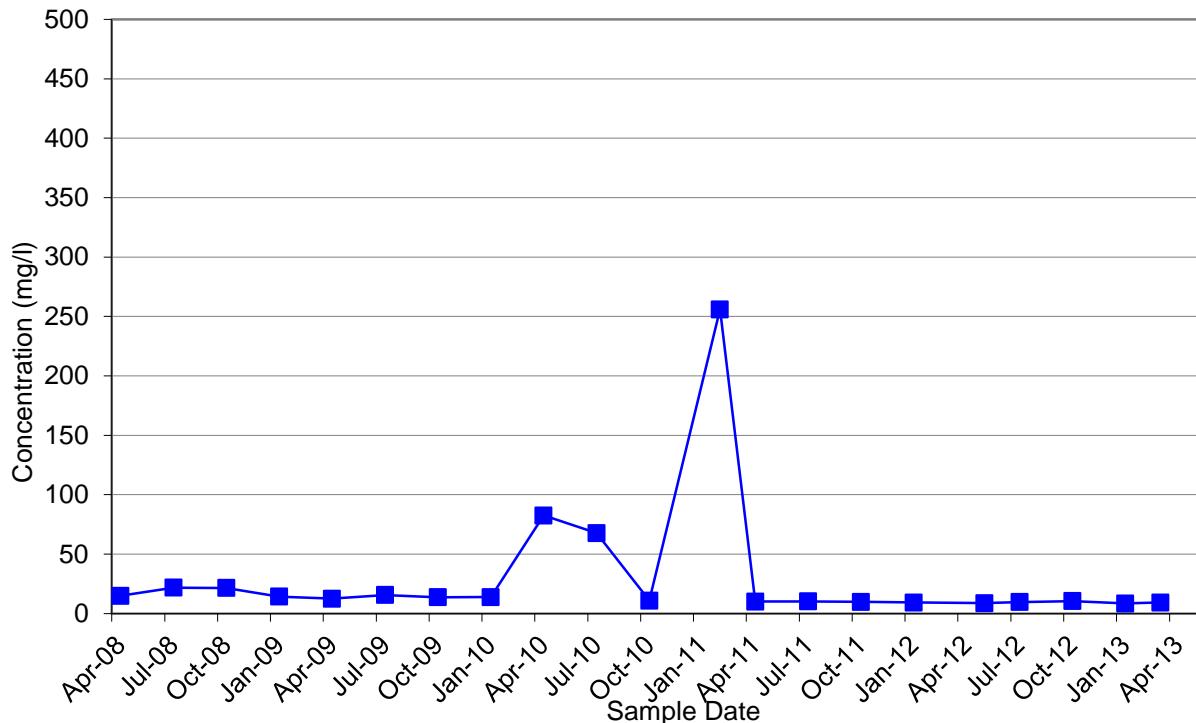
CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS

**cis 1,2-DICHLOROETHENE**

Cleanup Level (ESP) = 70 µg/l

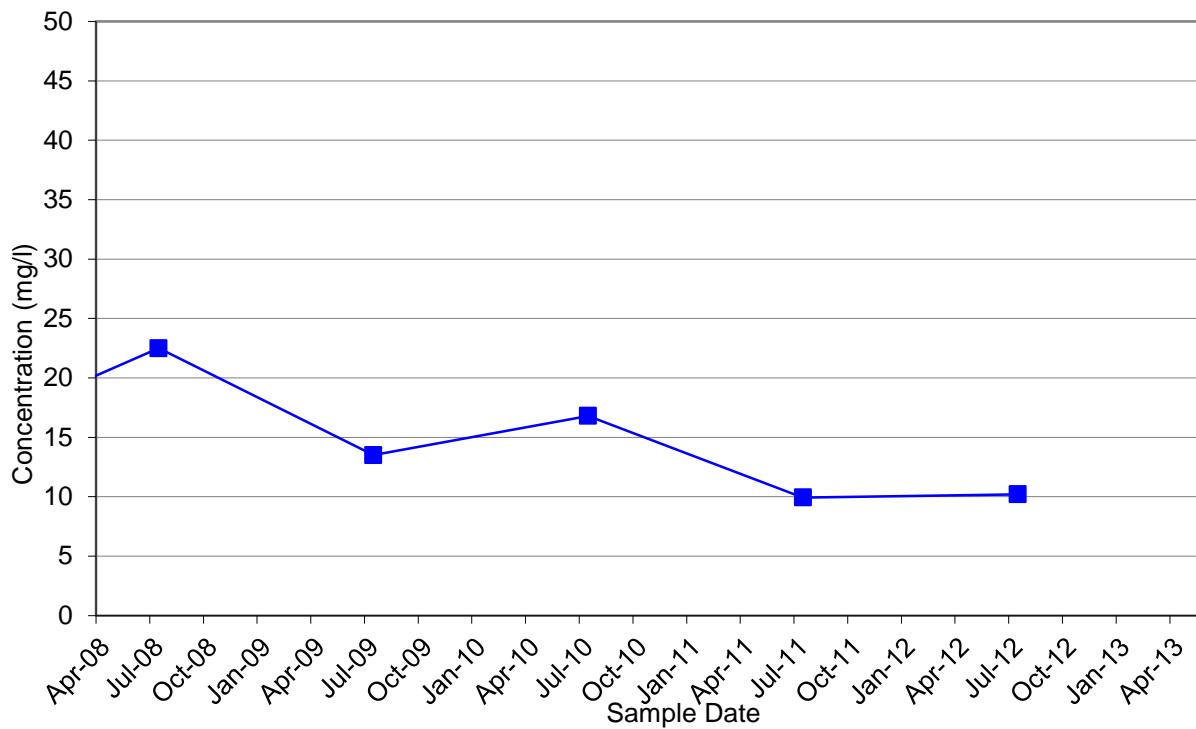


**IRON, TOTAL**

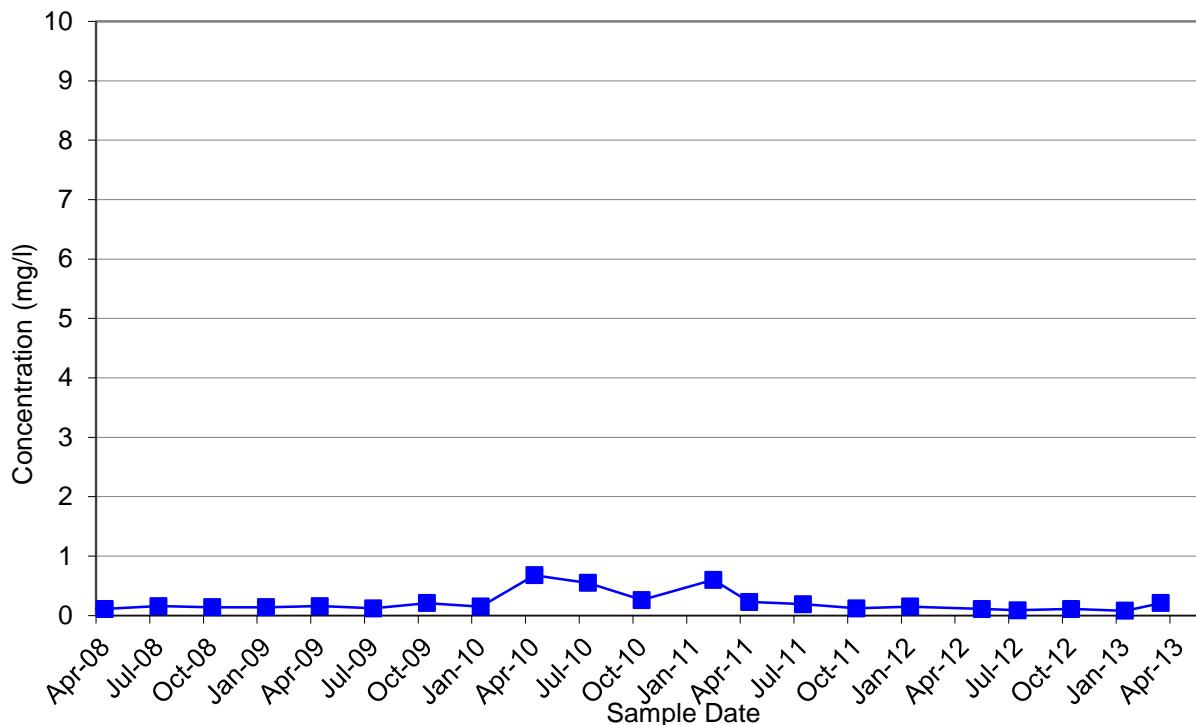


CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS

**IRON, DISSOLVED**

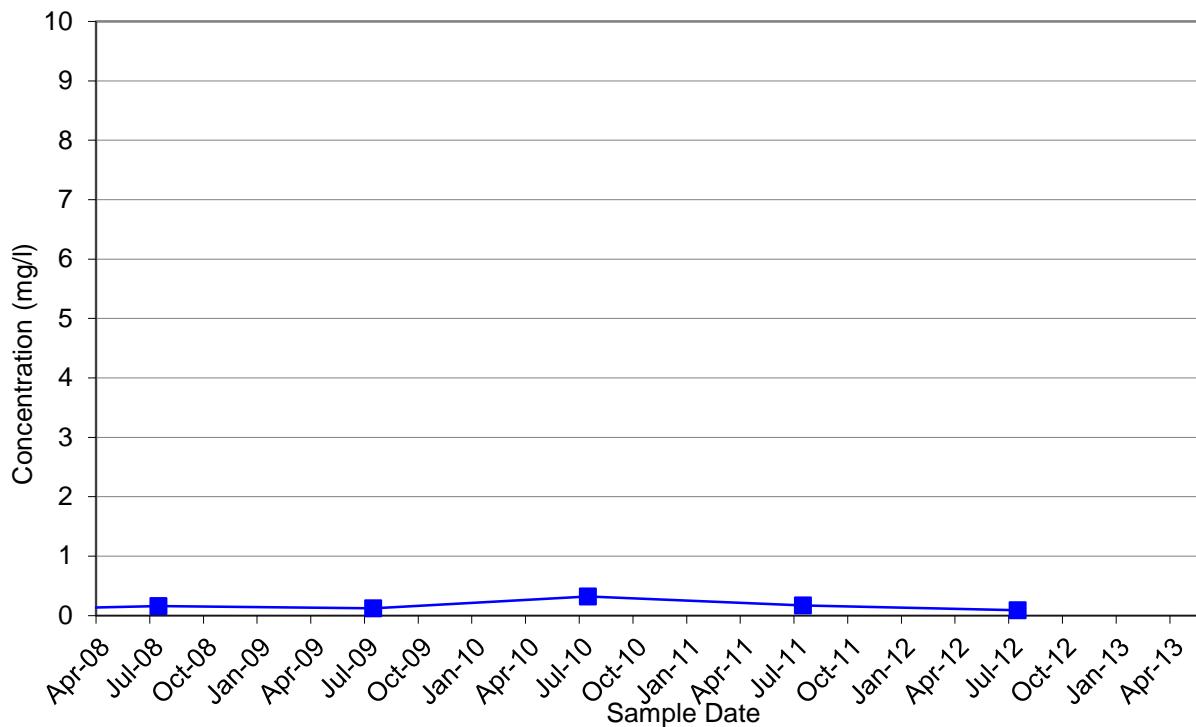


**MANGANESE, TOTAL**



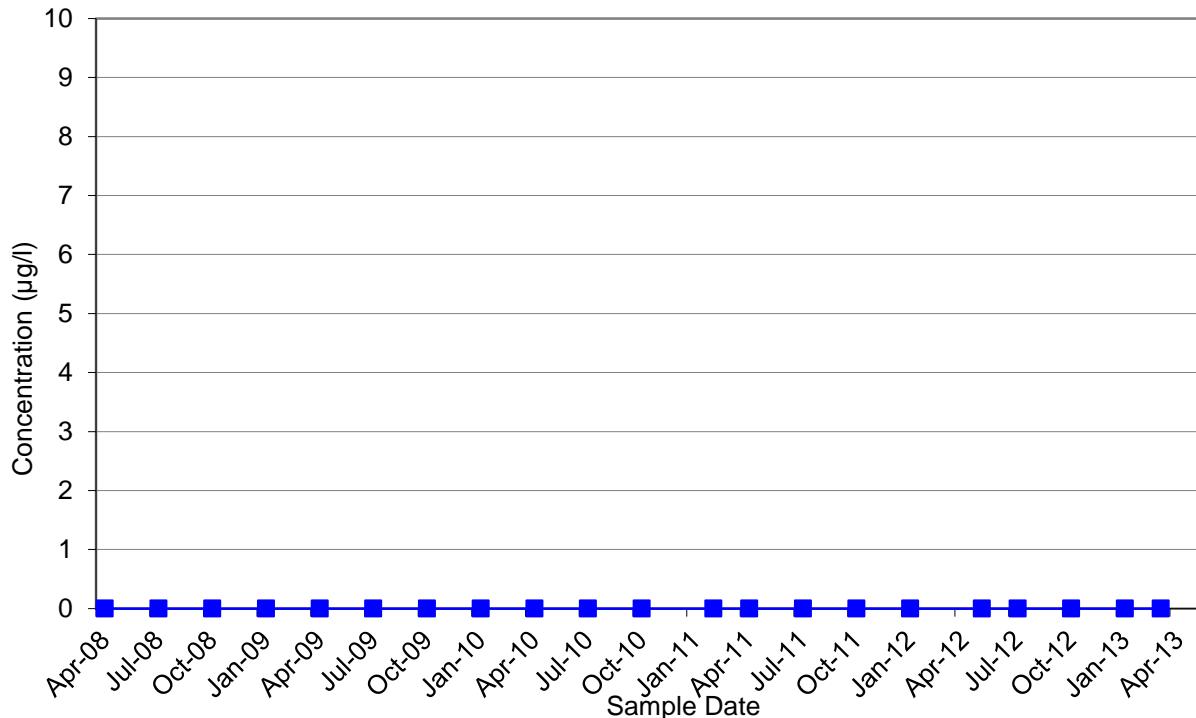
CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS

**MANGANESE, DISSOLVED**



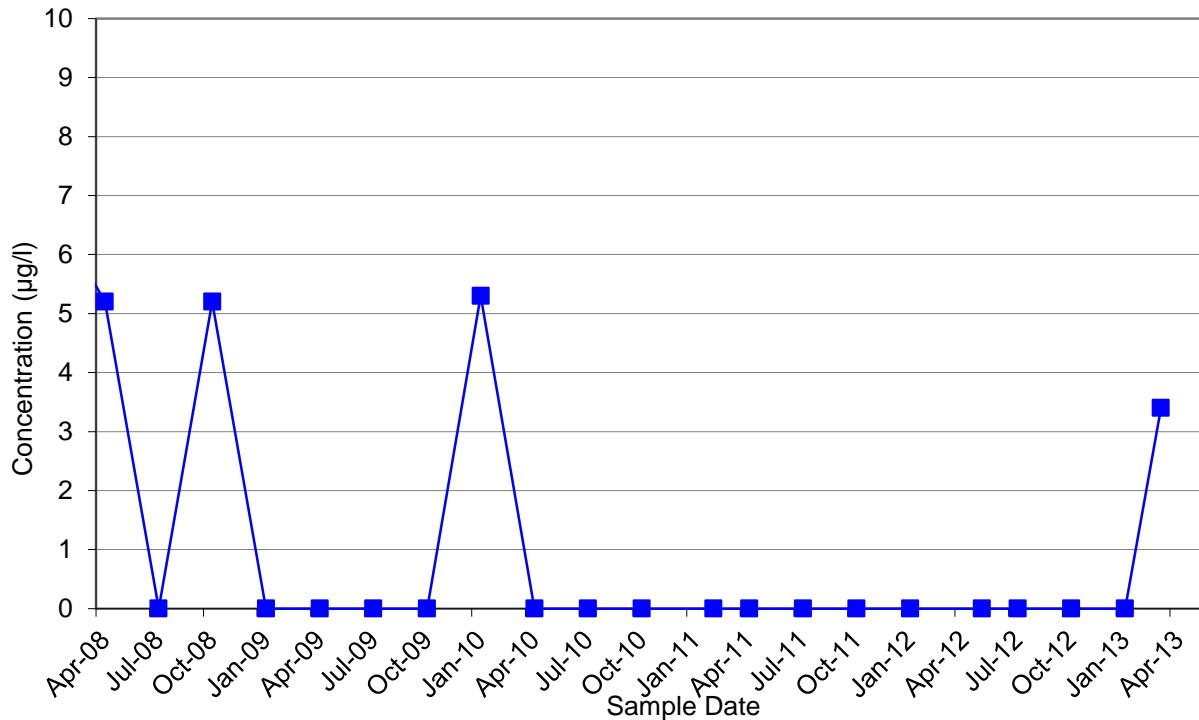
**METHYLENE CHLORIDE**

Cleanup Level (ESP) = 5 µg/l

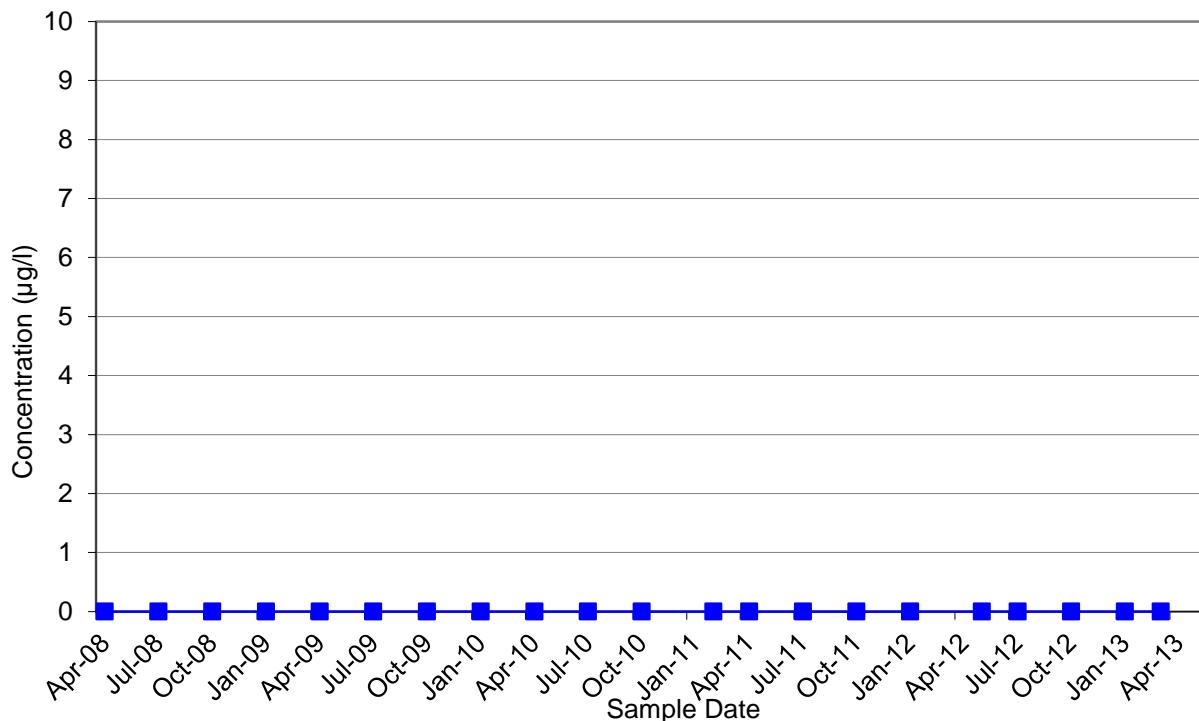


CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS

**TETRACHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l

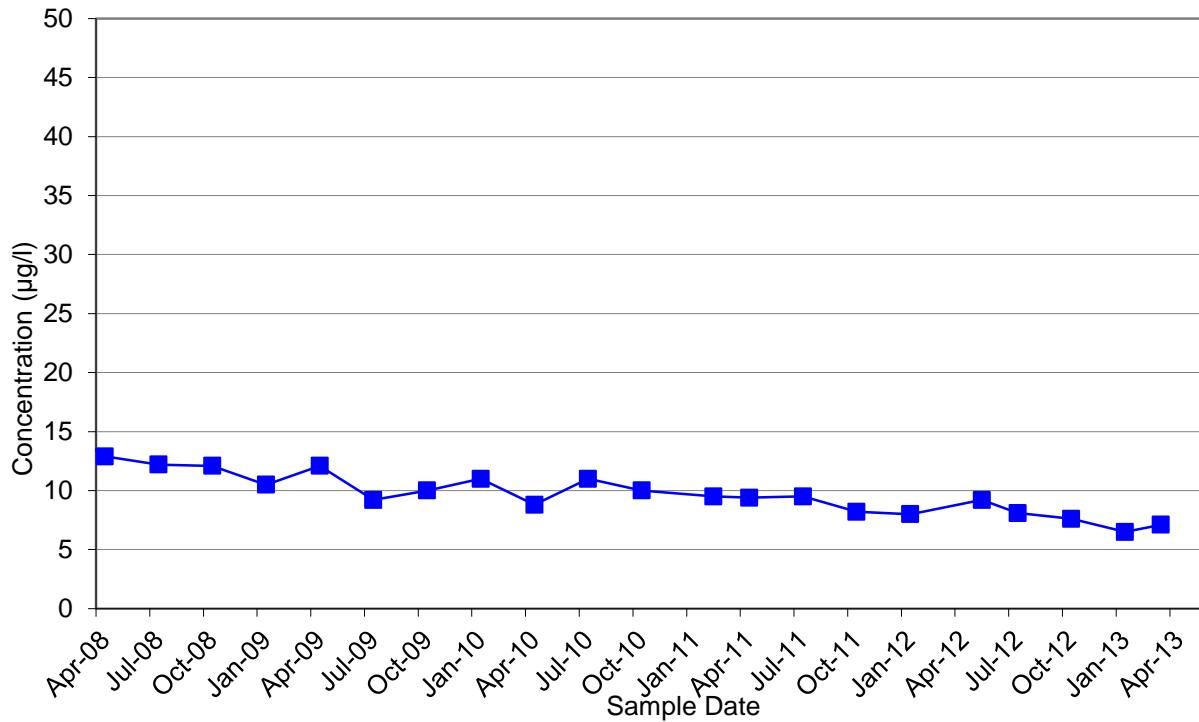


**trans 1,2-DICHLOROETHENE**  
Cleanup Level (ESP) = 100 µg/l

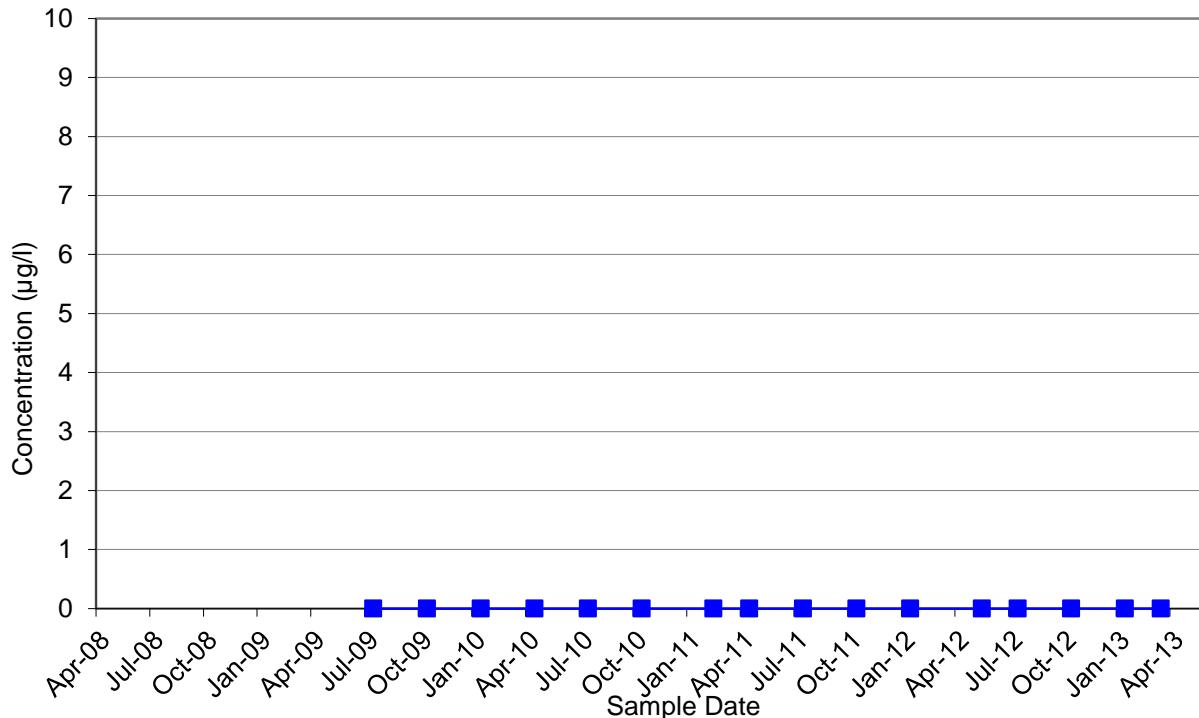


CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS

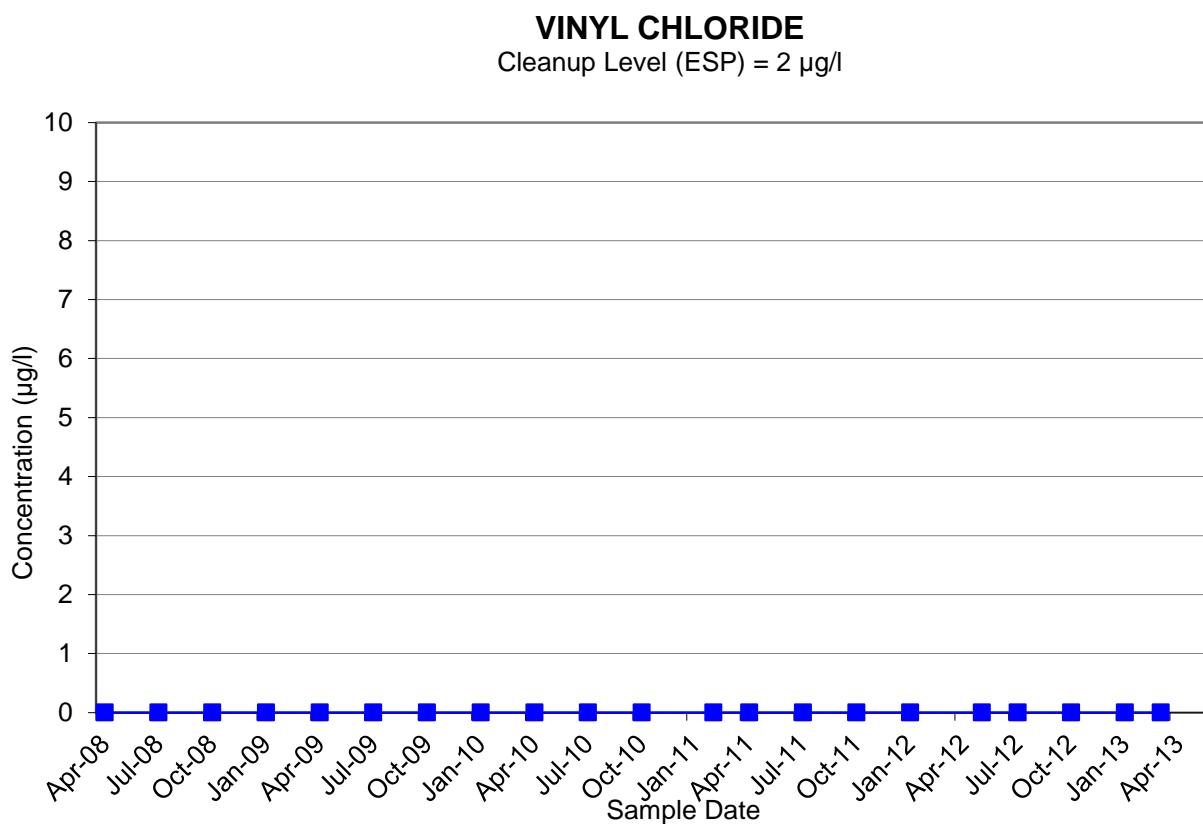
**TRICHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l



**TRICHLOROMETHANE**  
Cleanup Level (ESP) = 80 µg/l



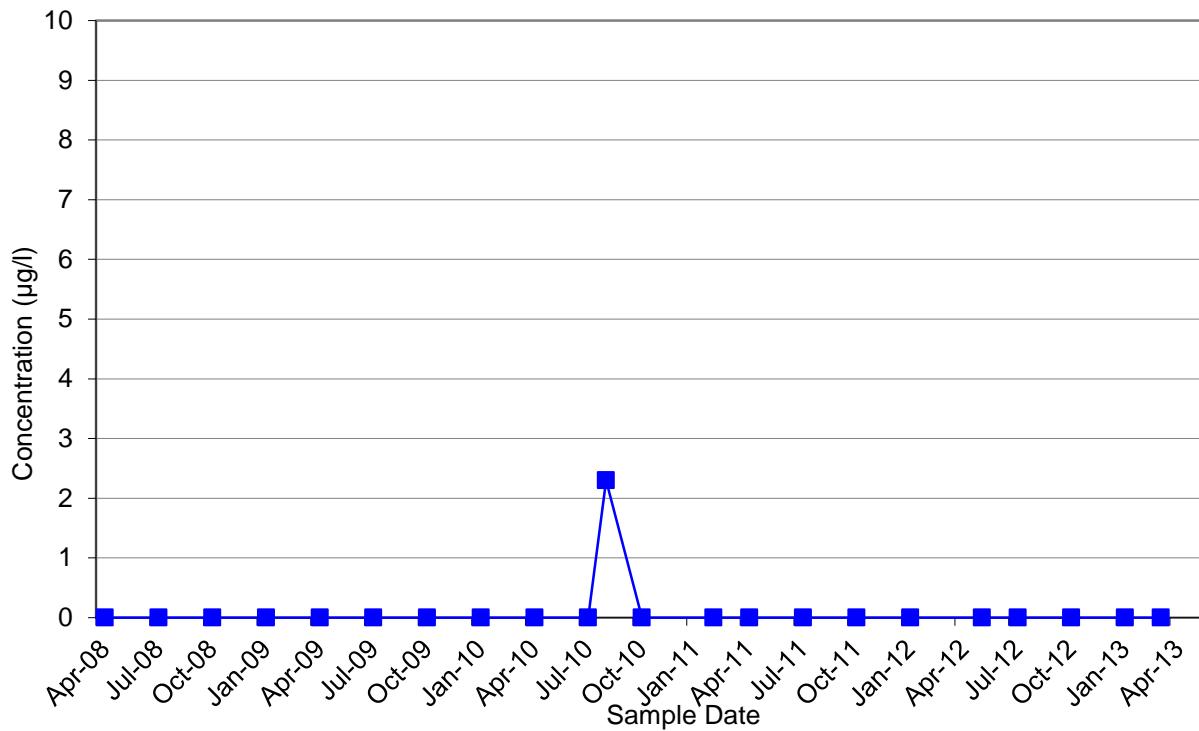
CHRIN BROTHERS LANDFILL  
MW-3  
TIME SERIES CHARTS



CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

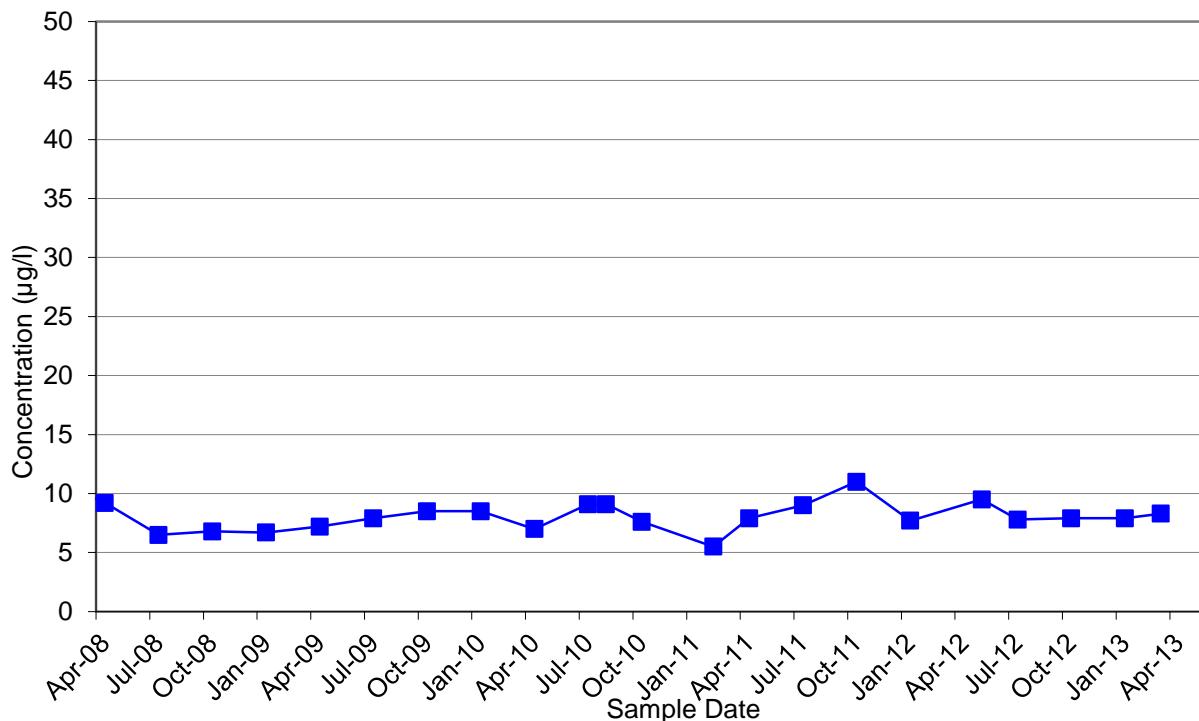
**1,1,1-TRICHLOROETHANE**

Cleanup Level (ESP) = 200 µg/l



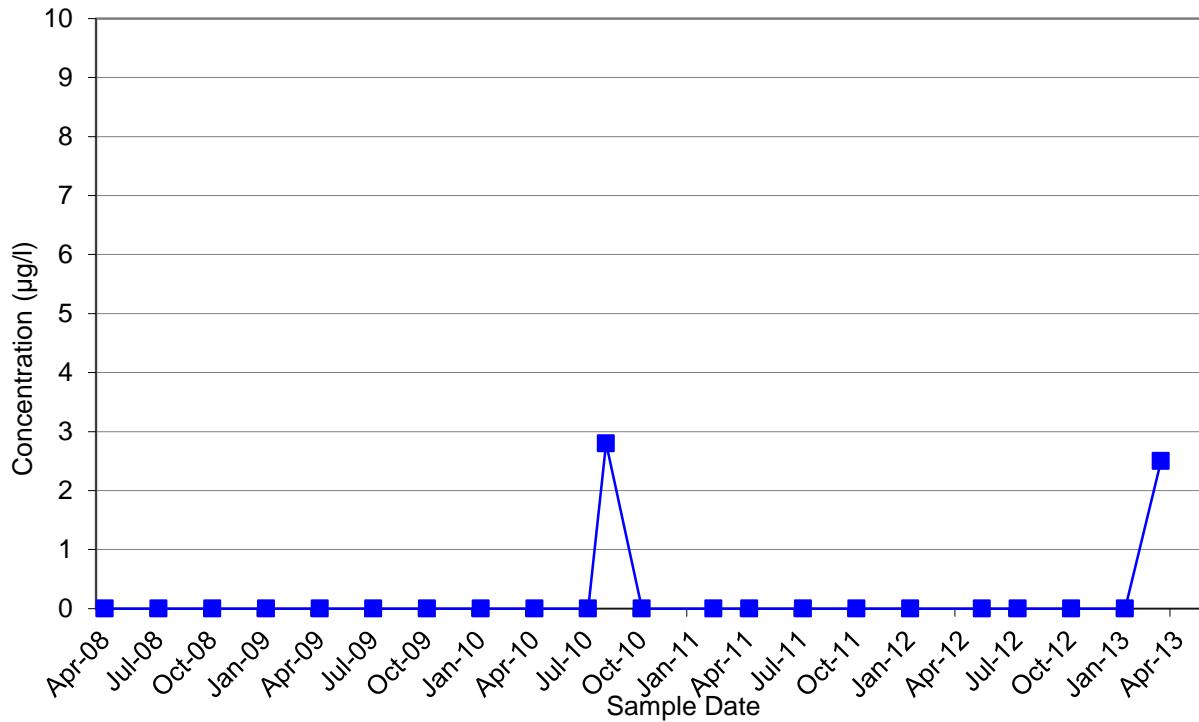
**1,1-DICHLOROETHANE**

Cleanup Level (ESP) = 31 µg/l

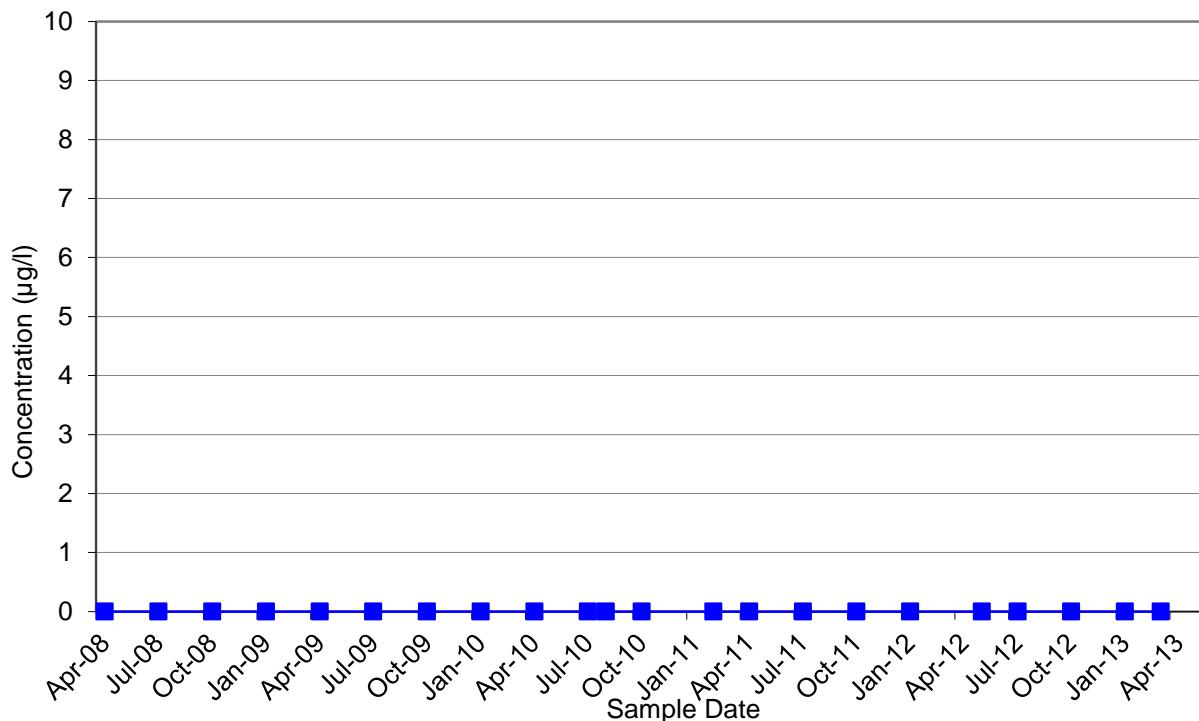


CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

**1,1-DICHLOROETHENE**  
Cleanup Level (ESP) = 7 µg/l

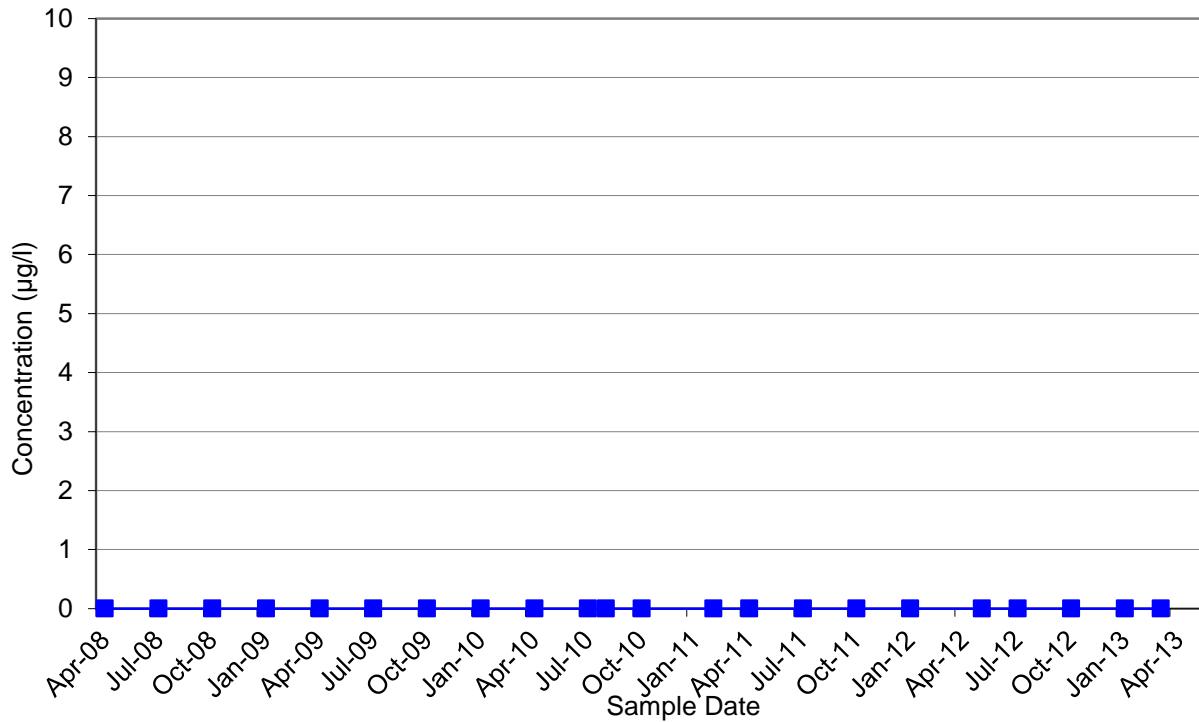


**1,2-DICHLOROETHANE**  
Cleanup Level (ESP) = 5 µg/l

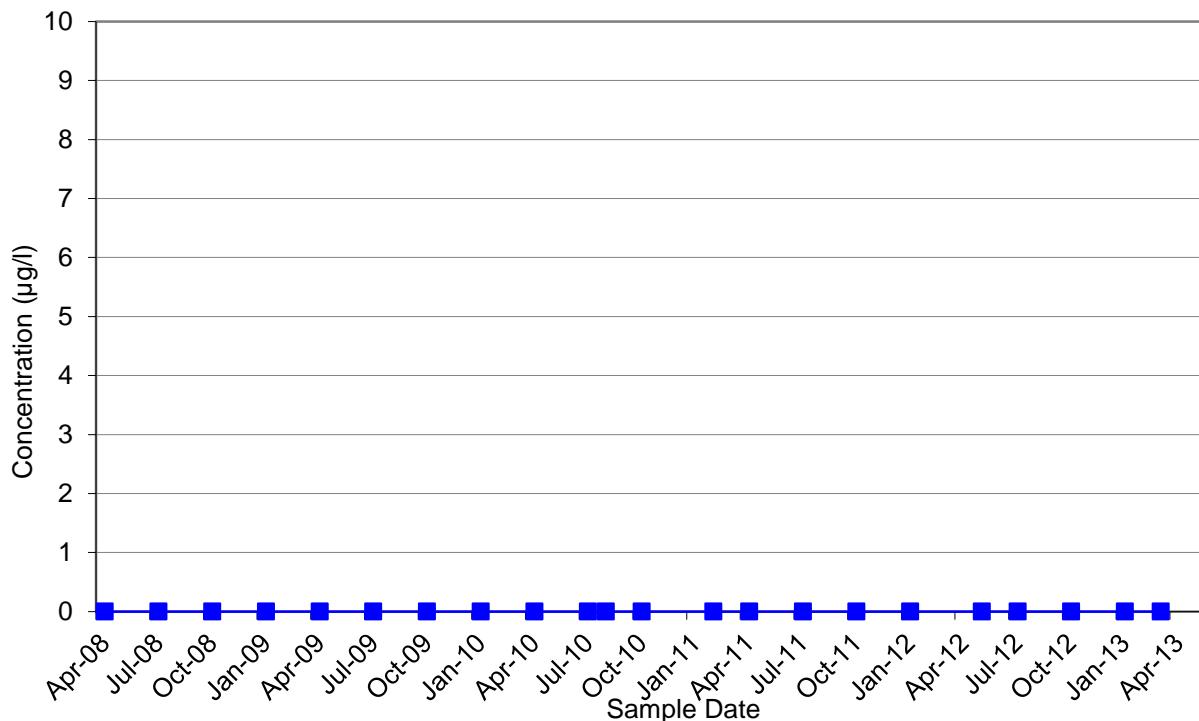


CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

**1,2-DICHLOROPROPANE**  
Cleanup Level (ESP) = 5 µg/l

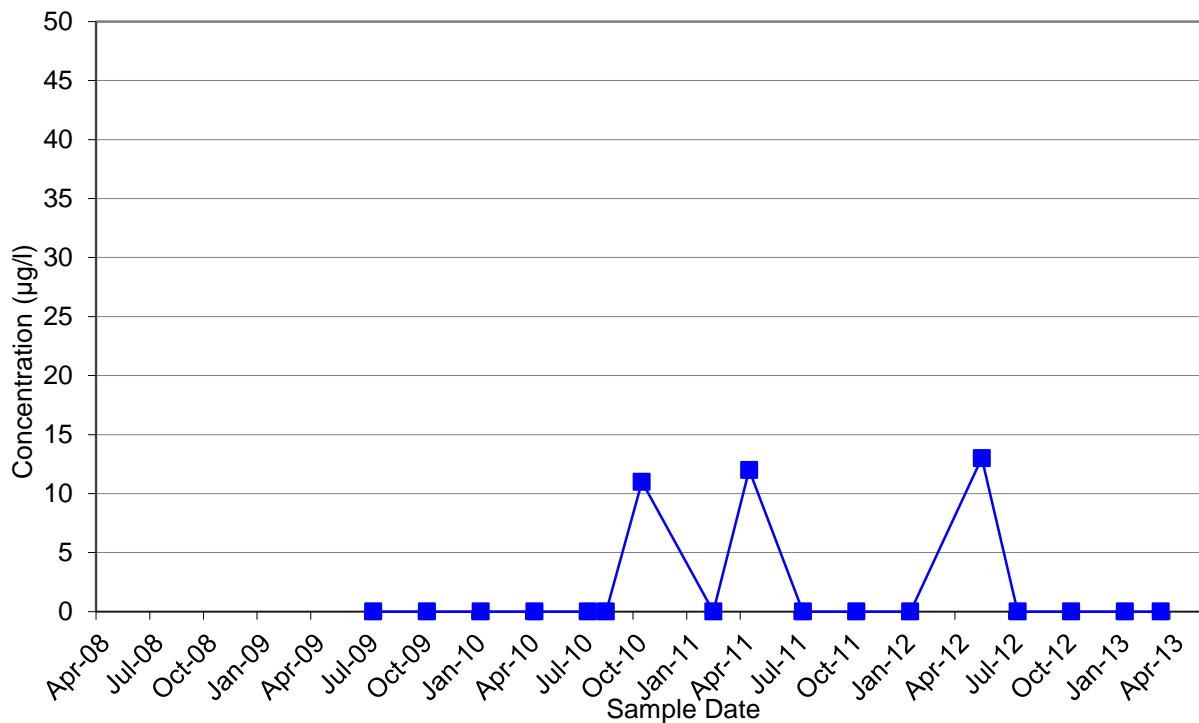


**1,4-DICHLOROBENZENE**  
Cleanup Level (ESP) = 75 µg/l



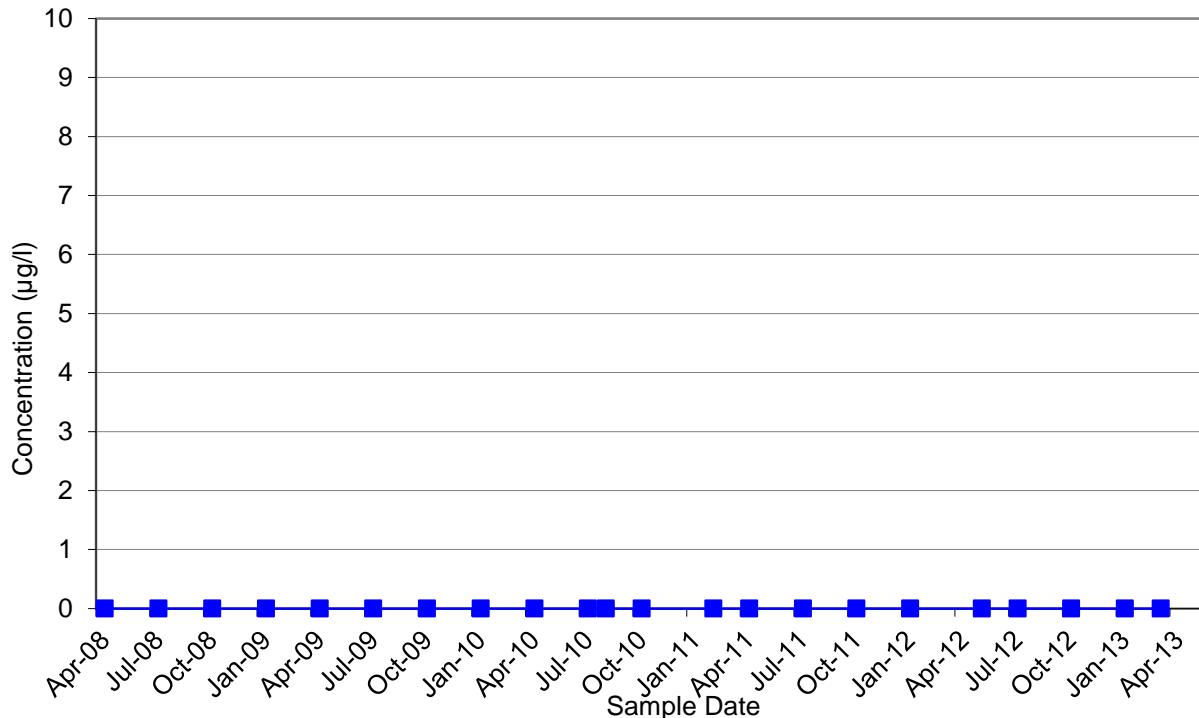
CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

**1,4-DIOXANE**



**BENZENE**

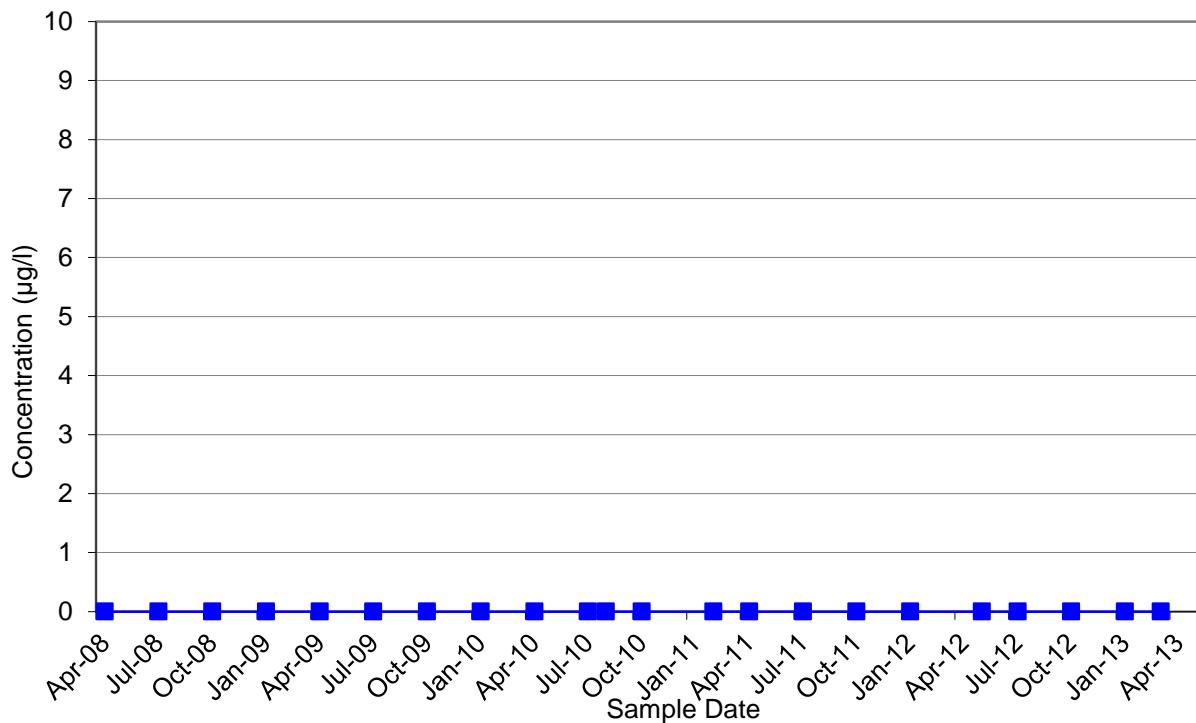
Cleanup Level (ESP) = 5  $\mu\text{g/l}$



CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

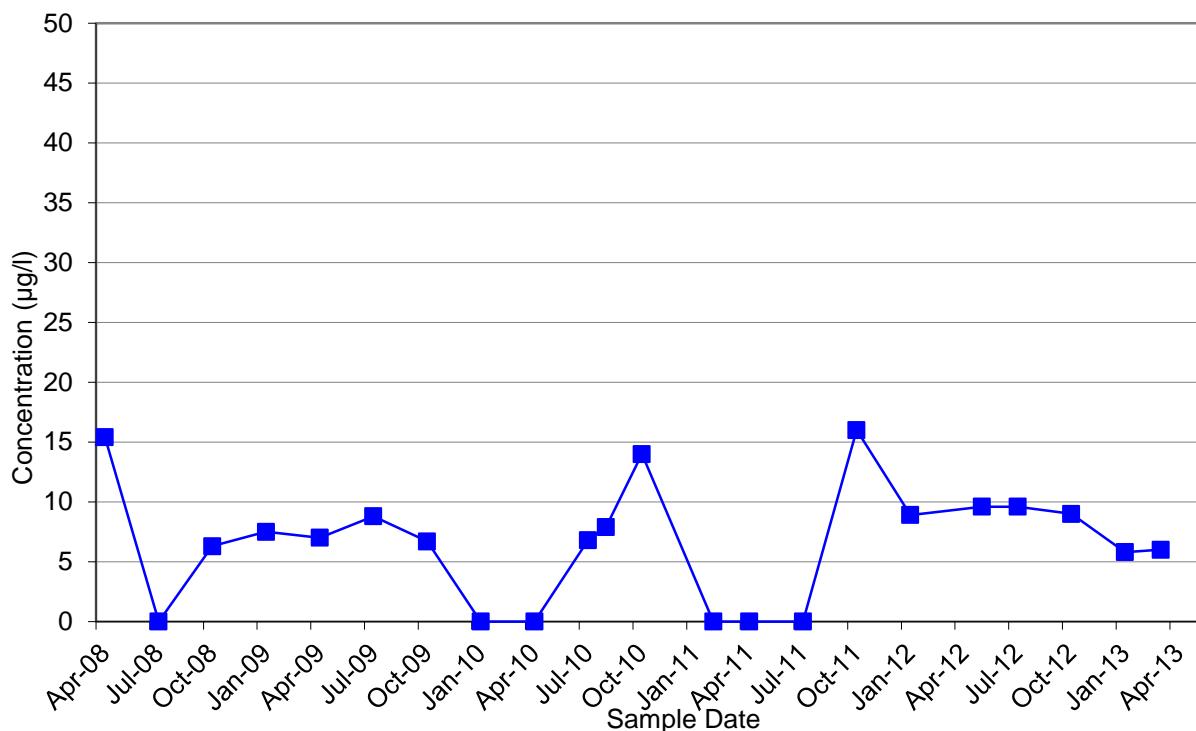
**CARBON TETRACHLORIDE**

Cleanup Level (ESP) = 5 µg/l



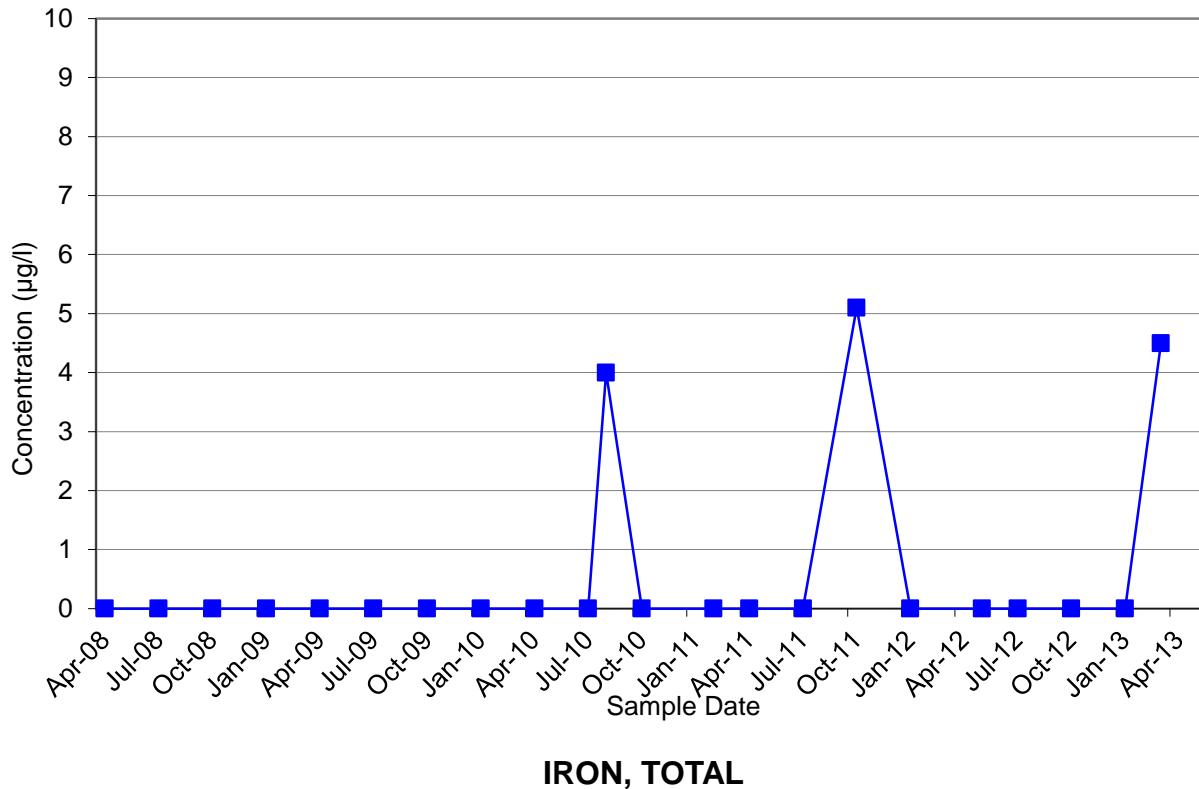
**CHLOROBENZENE**

Cleanup Level (ESP) = 100 µg/l

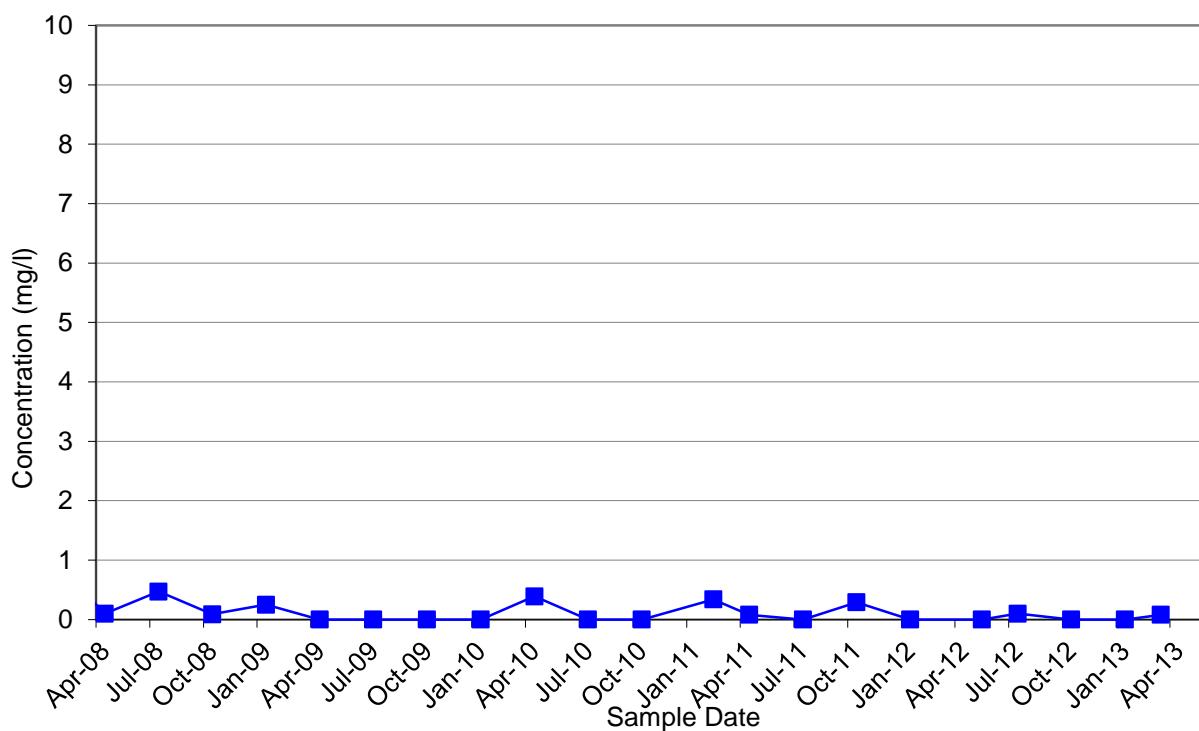


CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

**cis 1,2-DICHLOROETHENE**  
Cleanup Level (ESP) = 70 µg/l

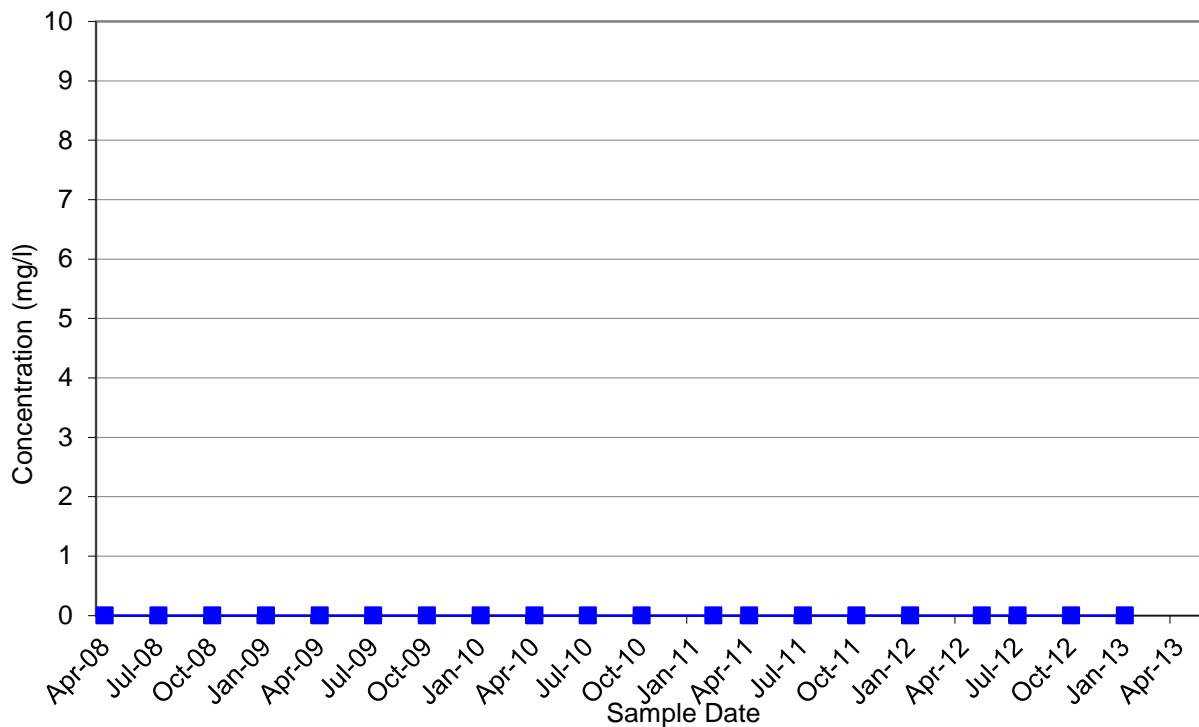


**IRON, TOTAL**

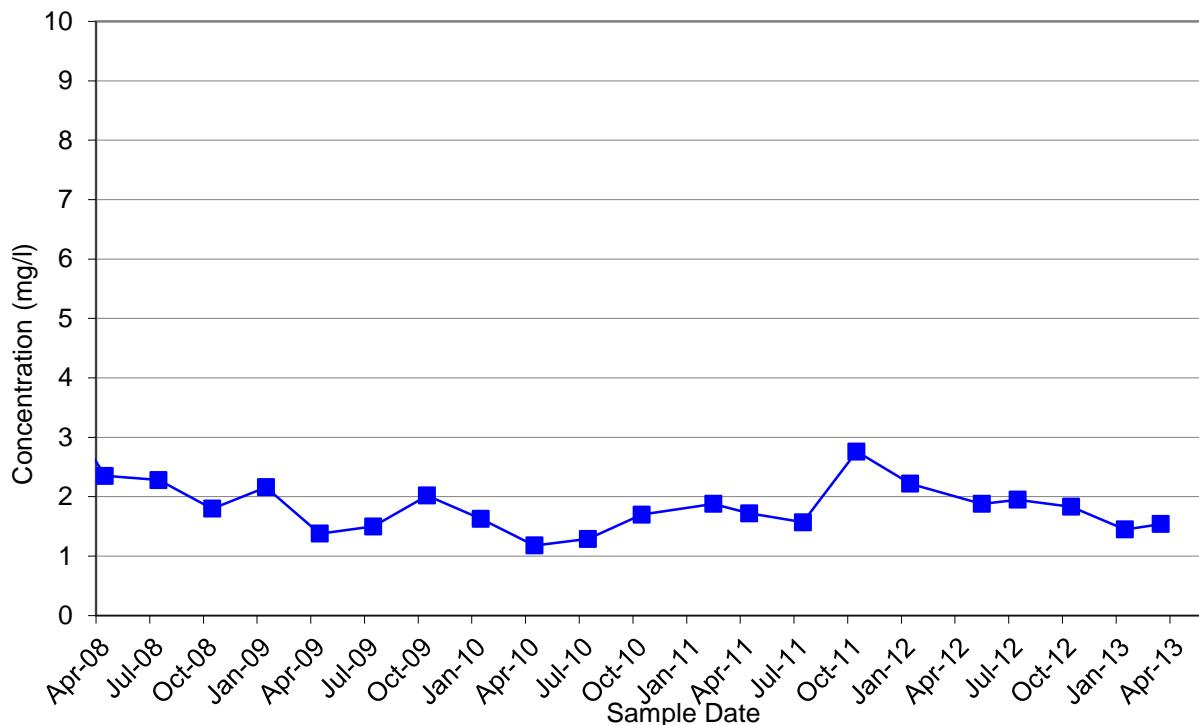


CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

**IRON, DISSOLVED**

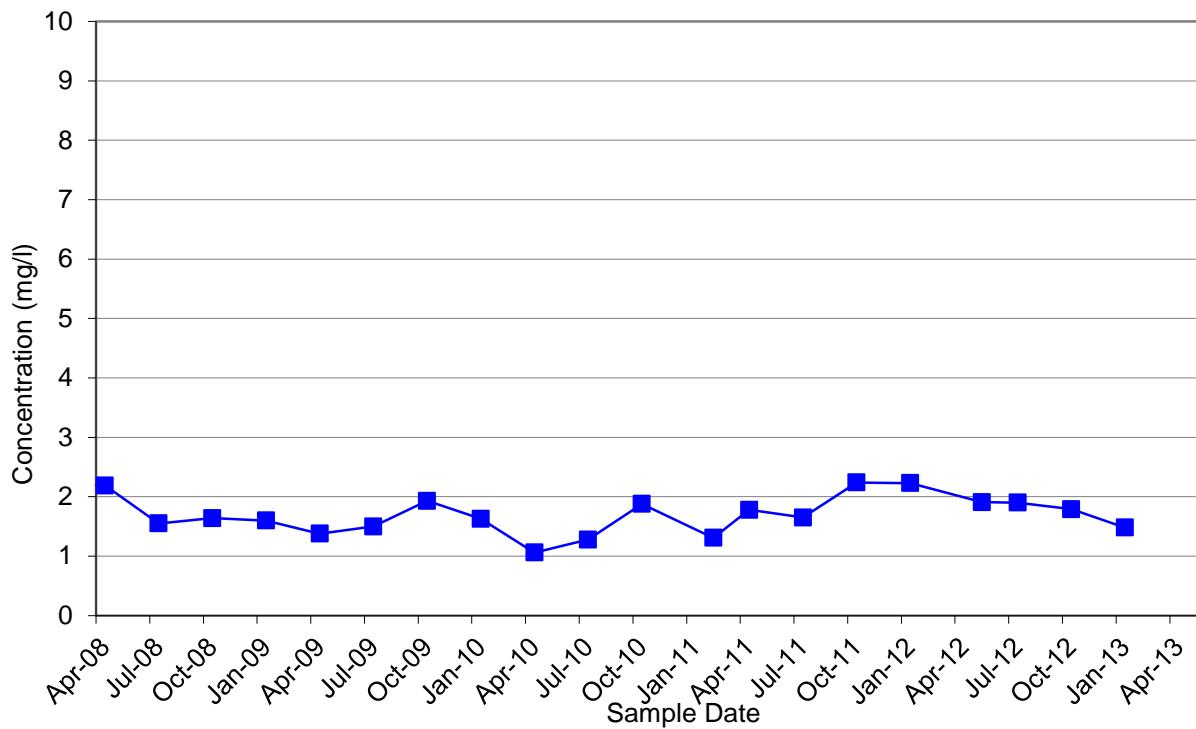


**MANGANESE, TOTAL**

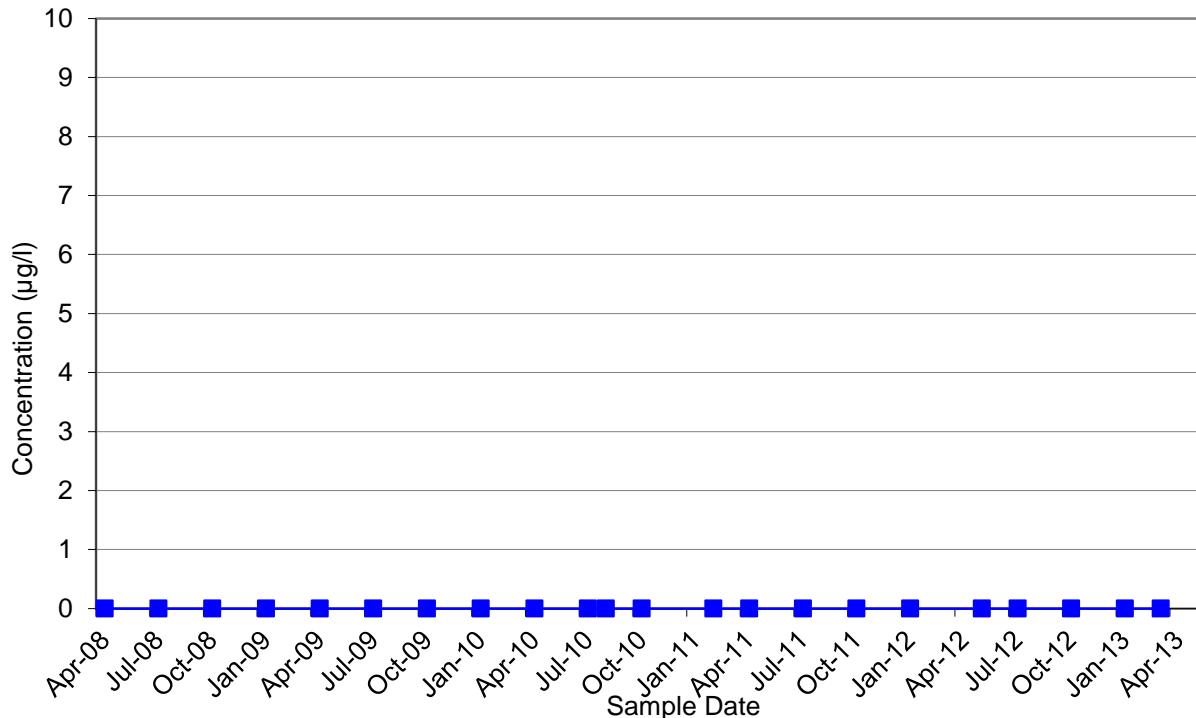


CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

**MANGANESE, DISSOLVED**

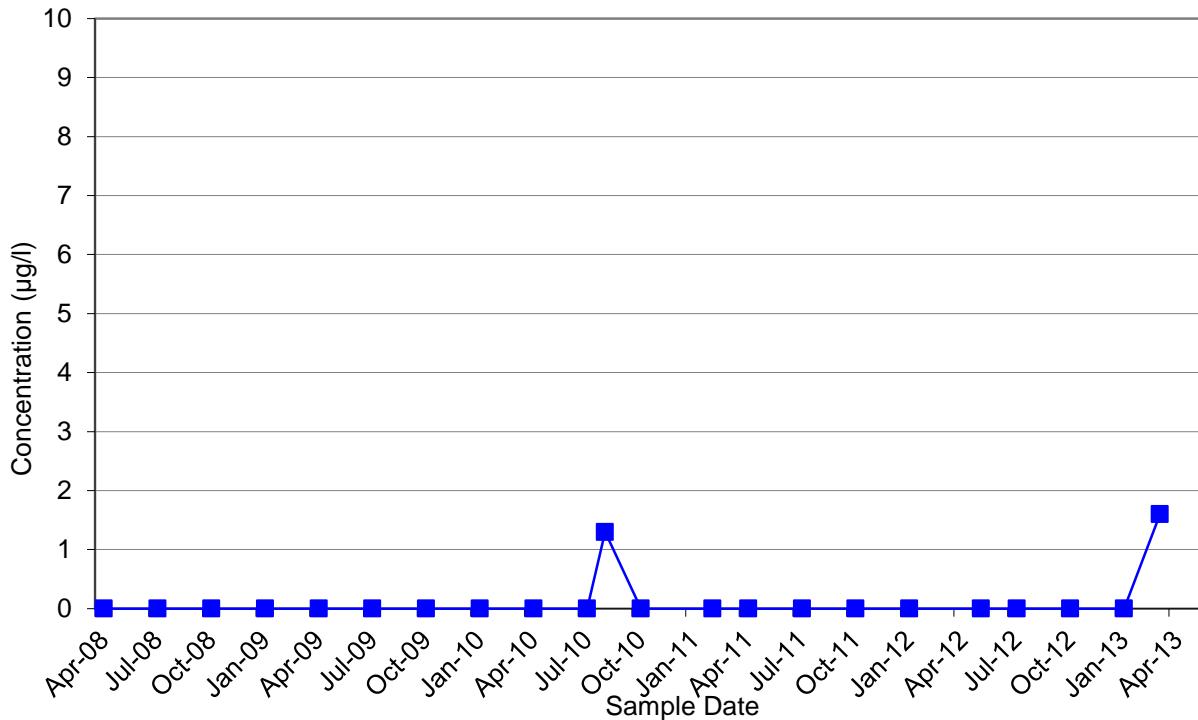


**METHYLENE CHLORIDE**  
Cleanup Level (ESP) = 5 µg/l

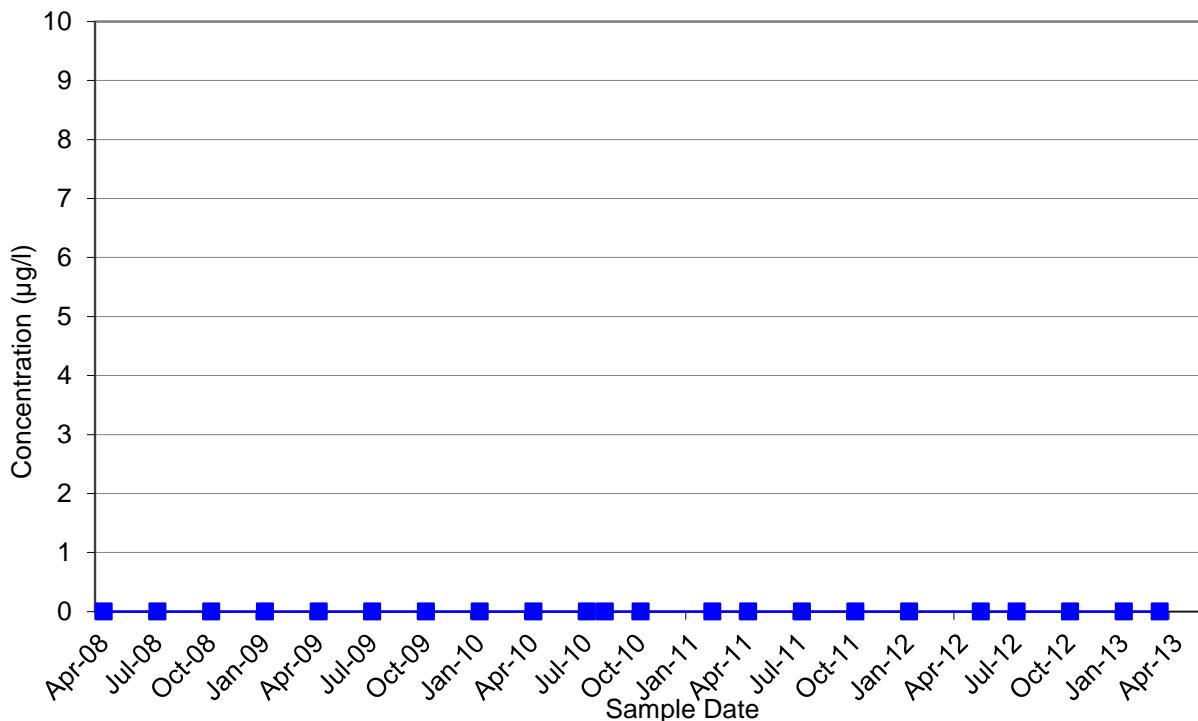


CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

**TETRACHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l

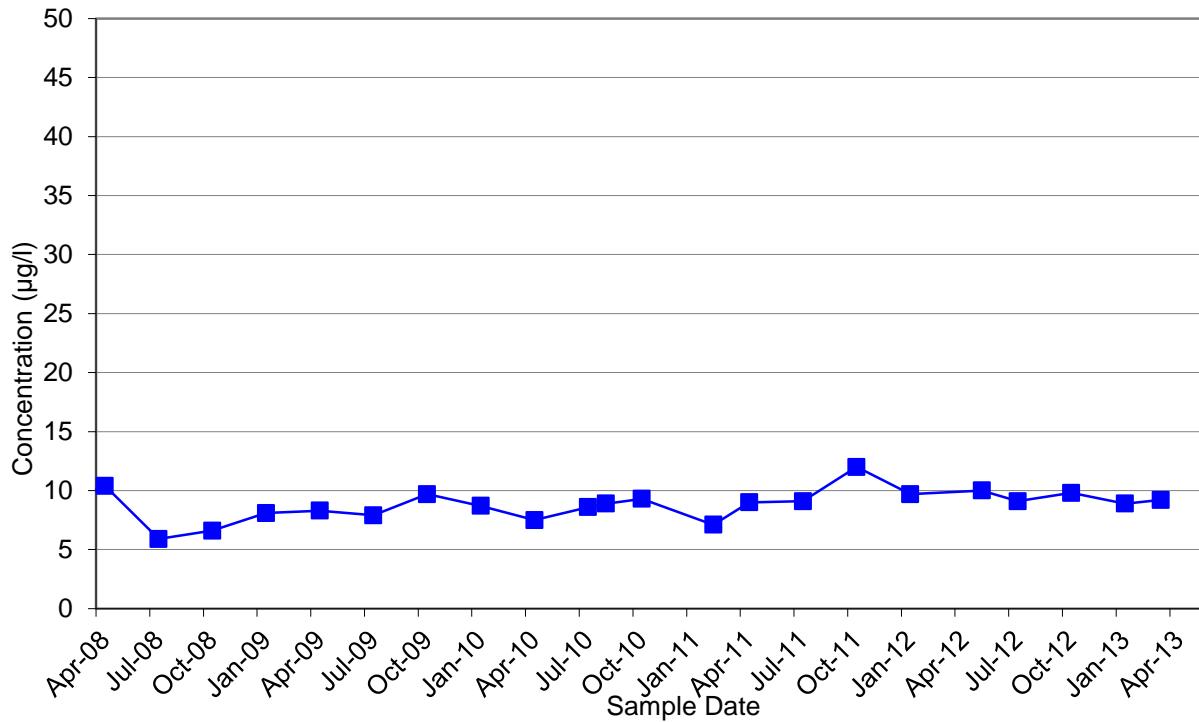


**trans 1,2-DICHLOROETHENE**  
Cleanup Level (ESP) = 100 µg/l

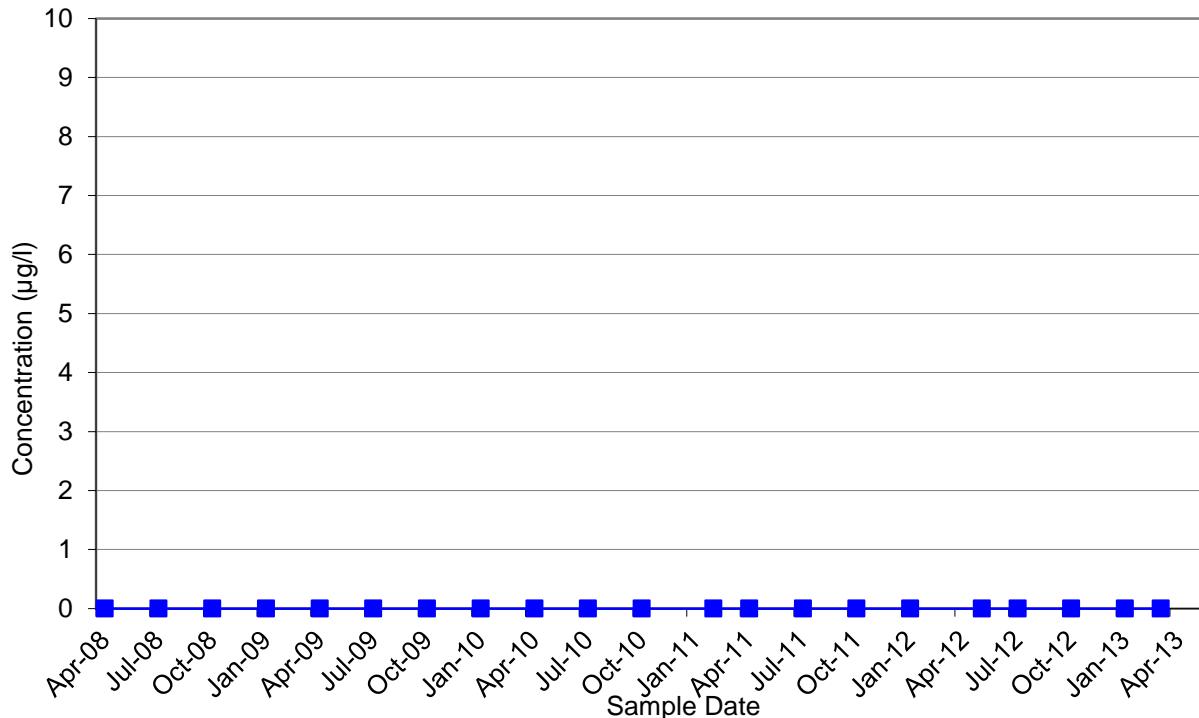


CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

**TRICHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l

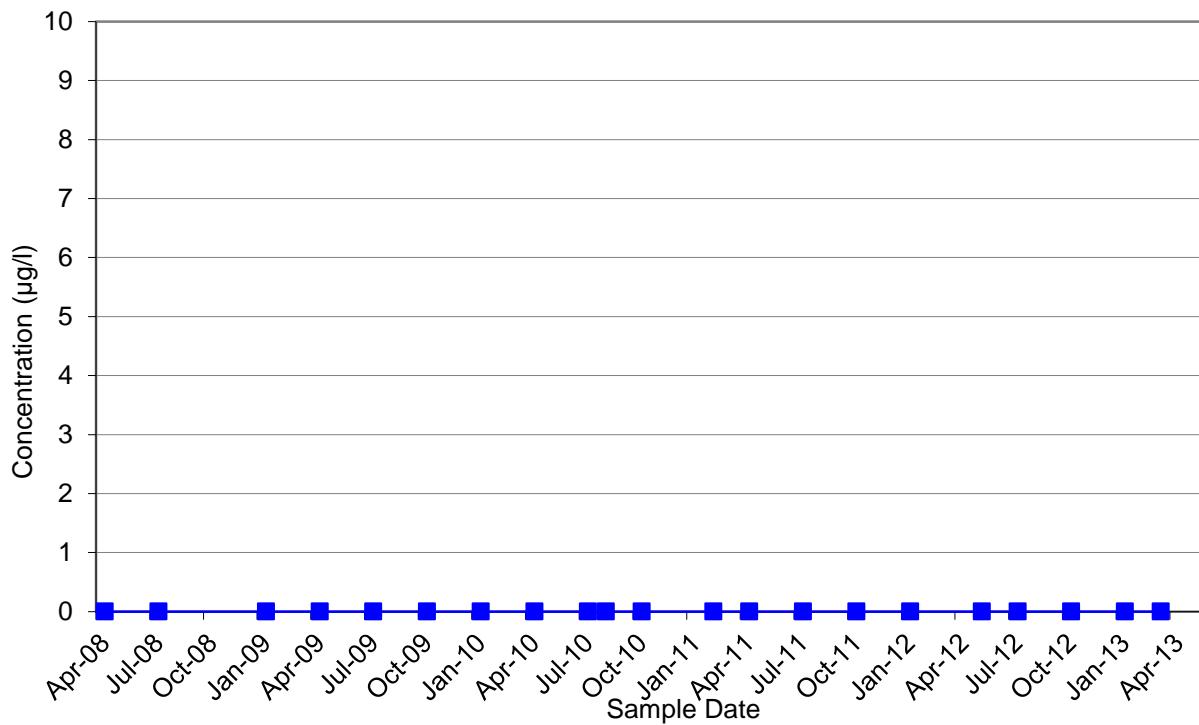


**TRICHLOROMETHANE**  
Cleanup Level (ESP) = 80 µg/l



CHRIN BROTHERS LANDFILL  
MW-9  
TIME SERIES CHARTS

**VINYL CHLORIDE**  
Cleanup Level (ESP) = 2 µg/l



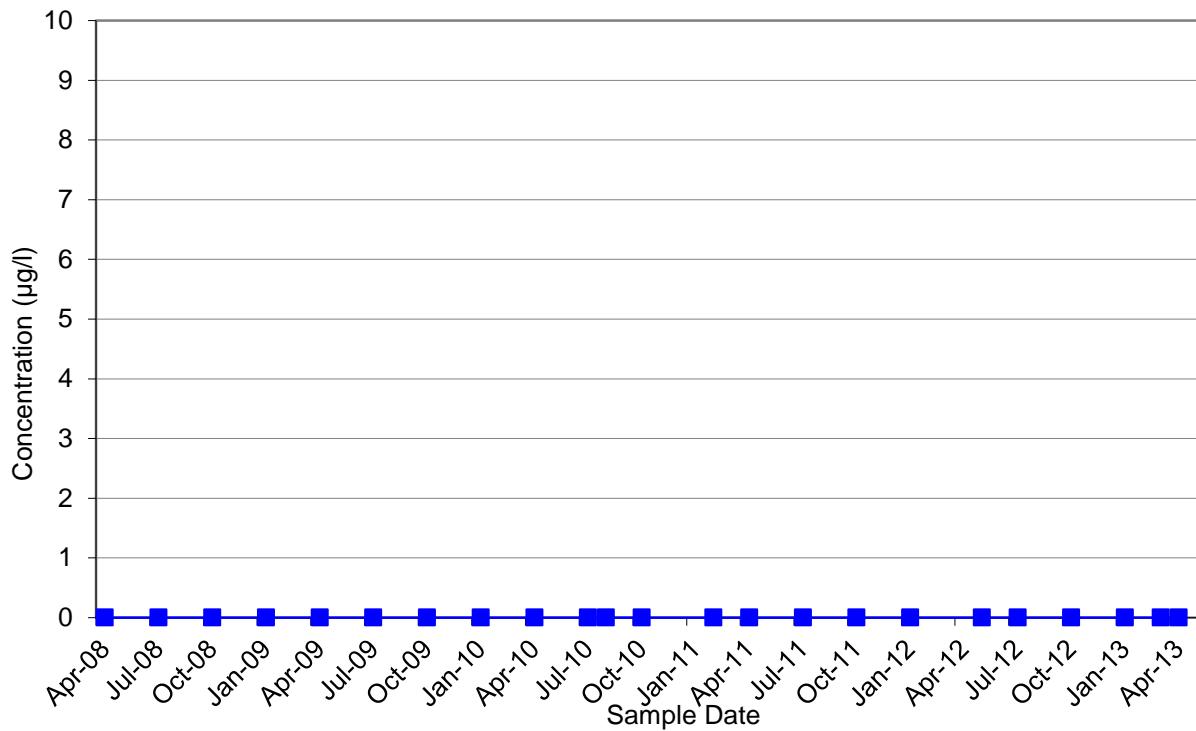
Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.

CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS

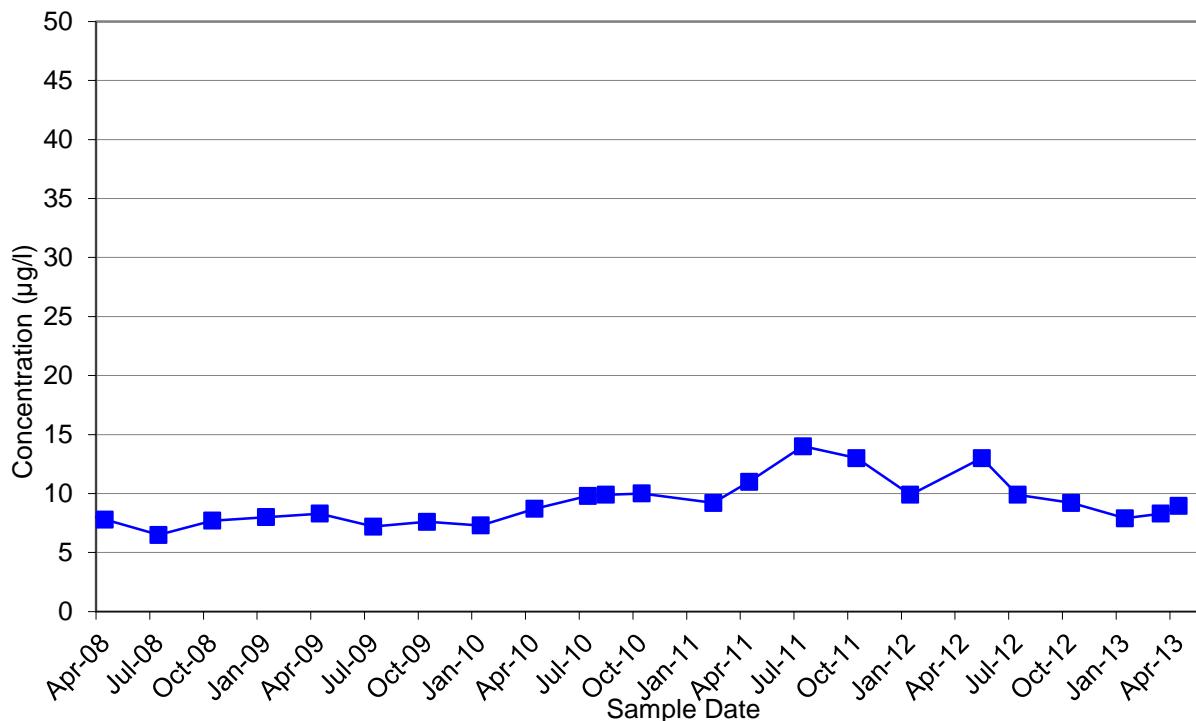
**1,1,1-TRICHLOROETHANE**

Cleanup Level (ESP) = 200 µg/l



**1,1-DICHLOROETHANE**

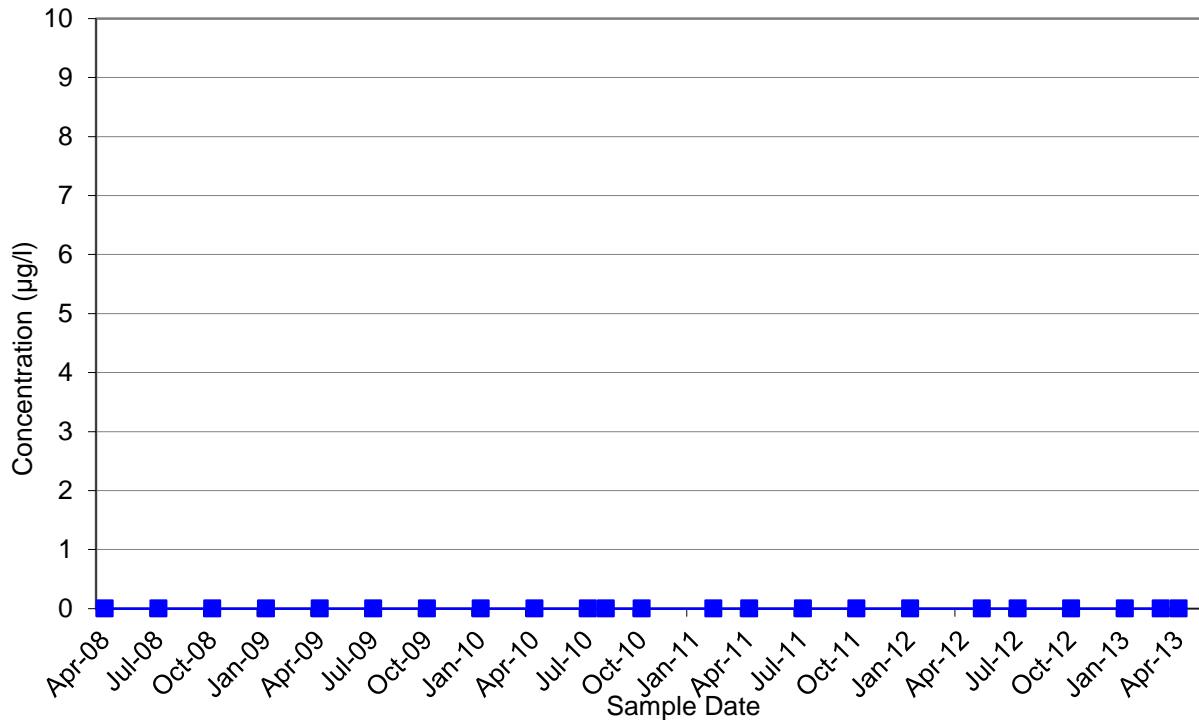
Cleanup Level (ESP) = 31 µg/l



CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS

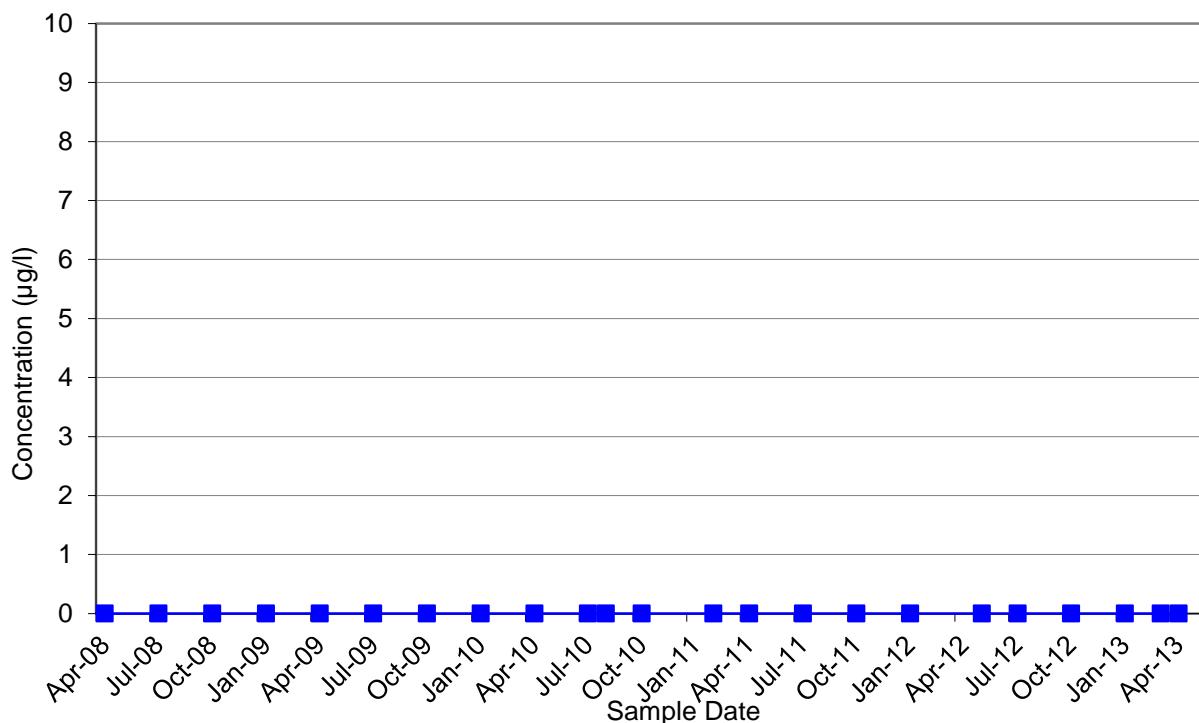
**1,1-DICHLOROETHENE**

Cleanup Level (ESP) = 7 µg/l



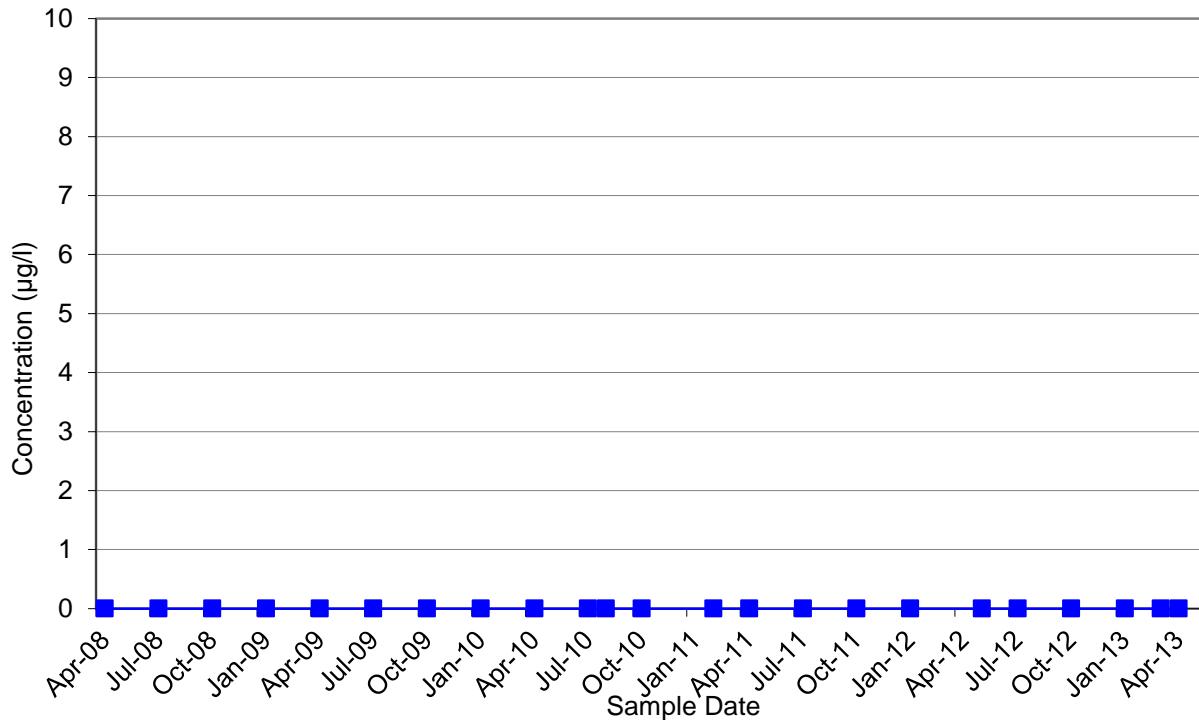
**1,2-DICHLOROETHANE**

Cleanup Level (ESP) = 5 µg/l

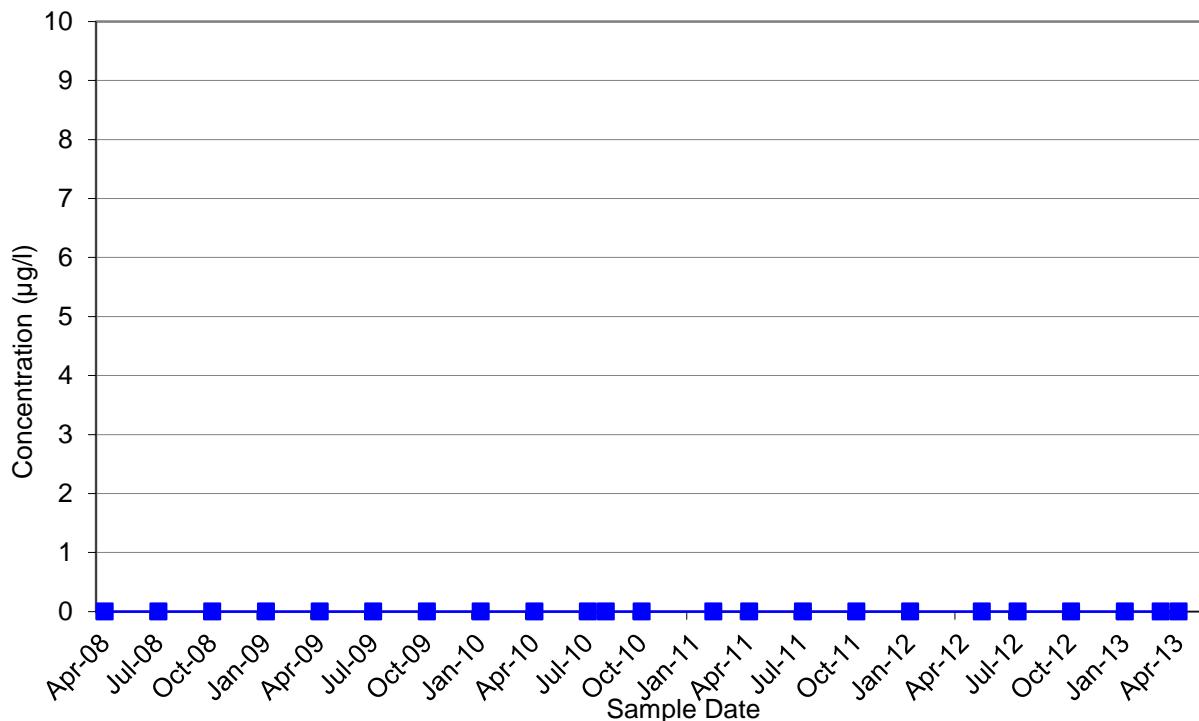


CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS

**1,2-DICHLOROPROPANE**  
Cleanup Level (ESP) = 5 µg/l

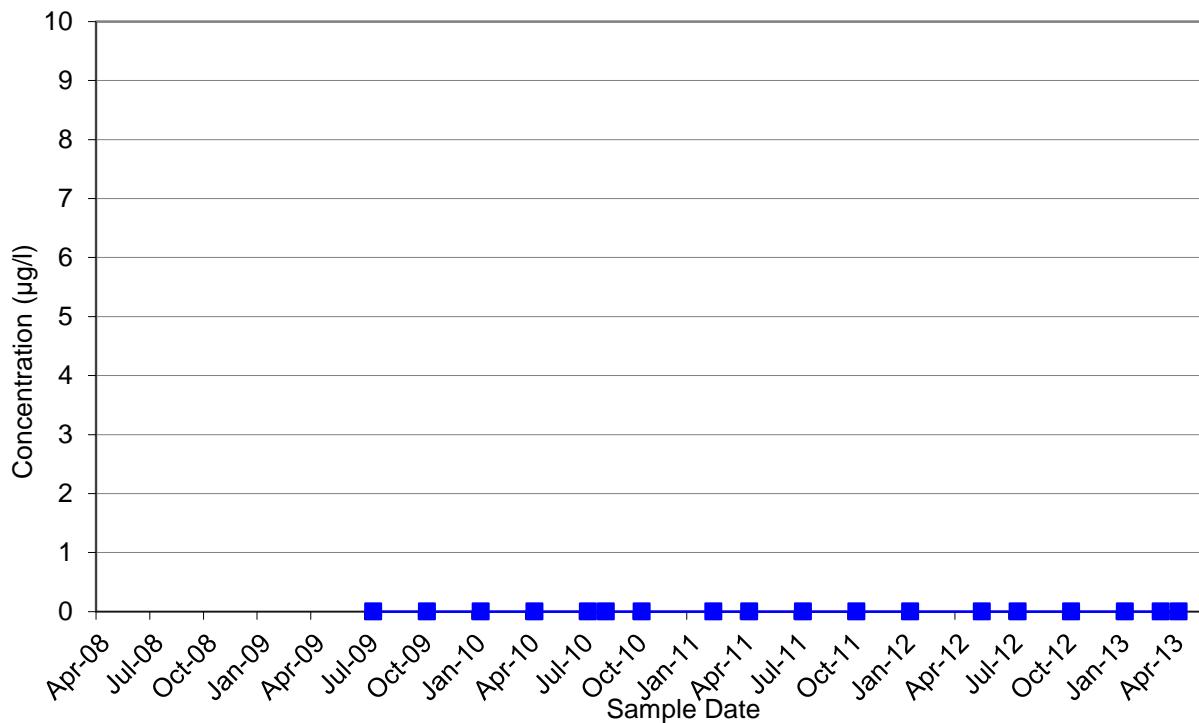


**1,4-DICHLOROBENZENE**  
Cleanup Level (ESP) = 75 µg/l



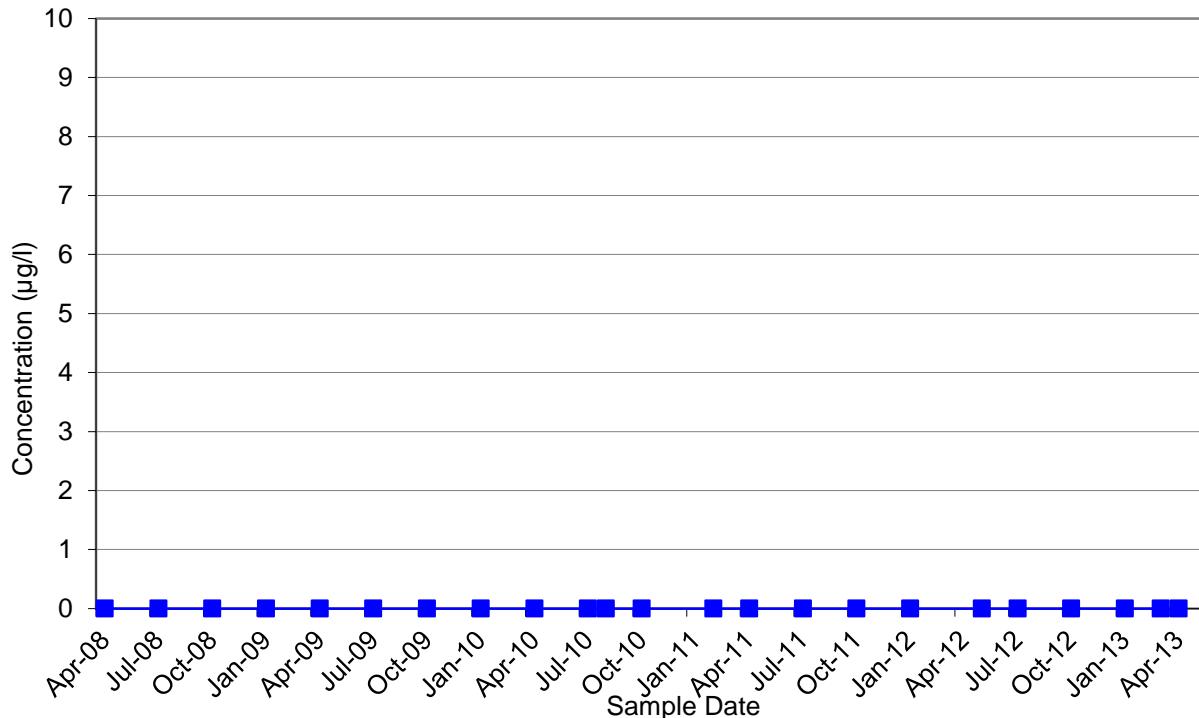
CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS

**1,4-DIOXANE**



**BENZENE**

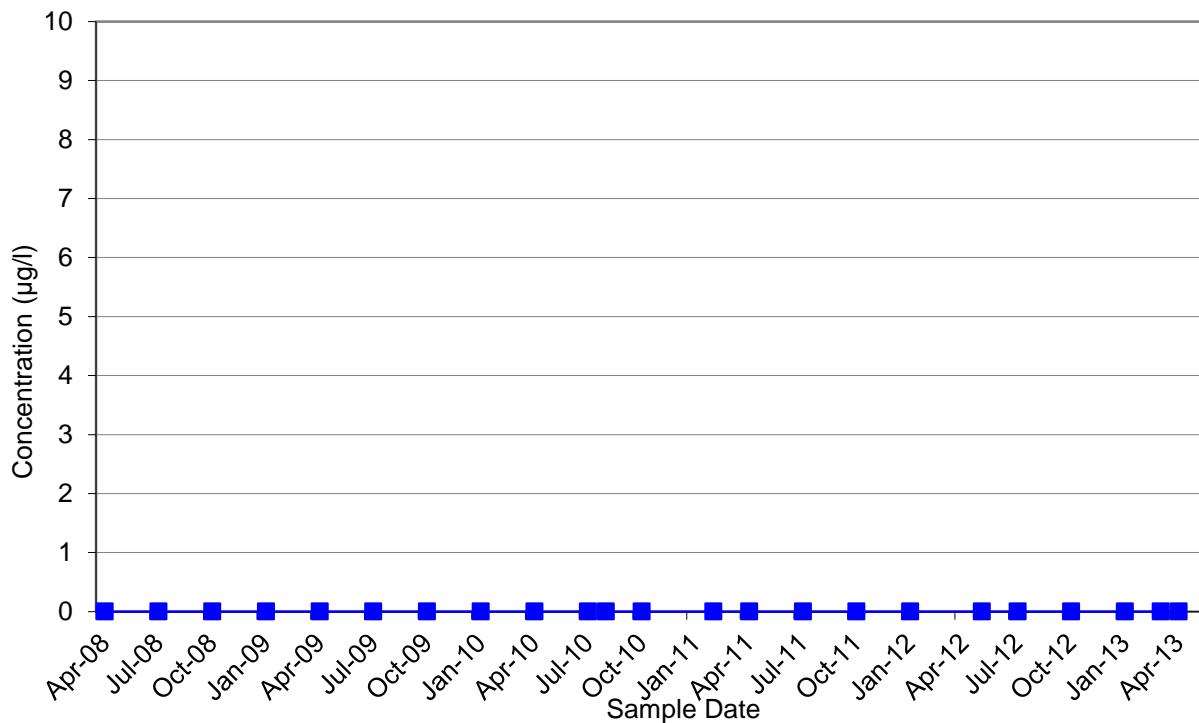
Cleanup Level (ESP) = 5 µg/l



CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS

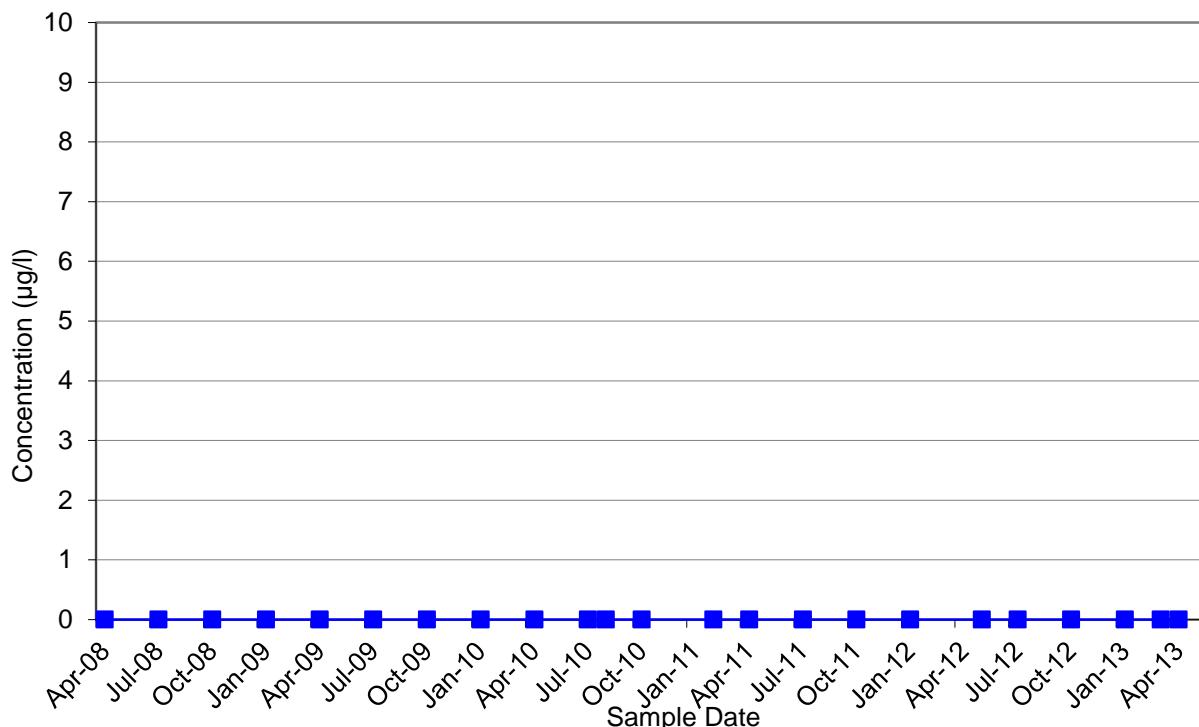
**CARBON TETRACHLORIDE**

Cleanup Level (ESP) = 5 µg/l



**CHLOROBENZENE**

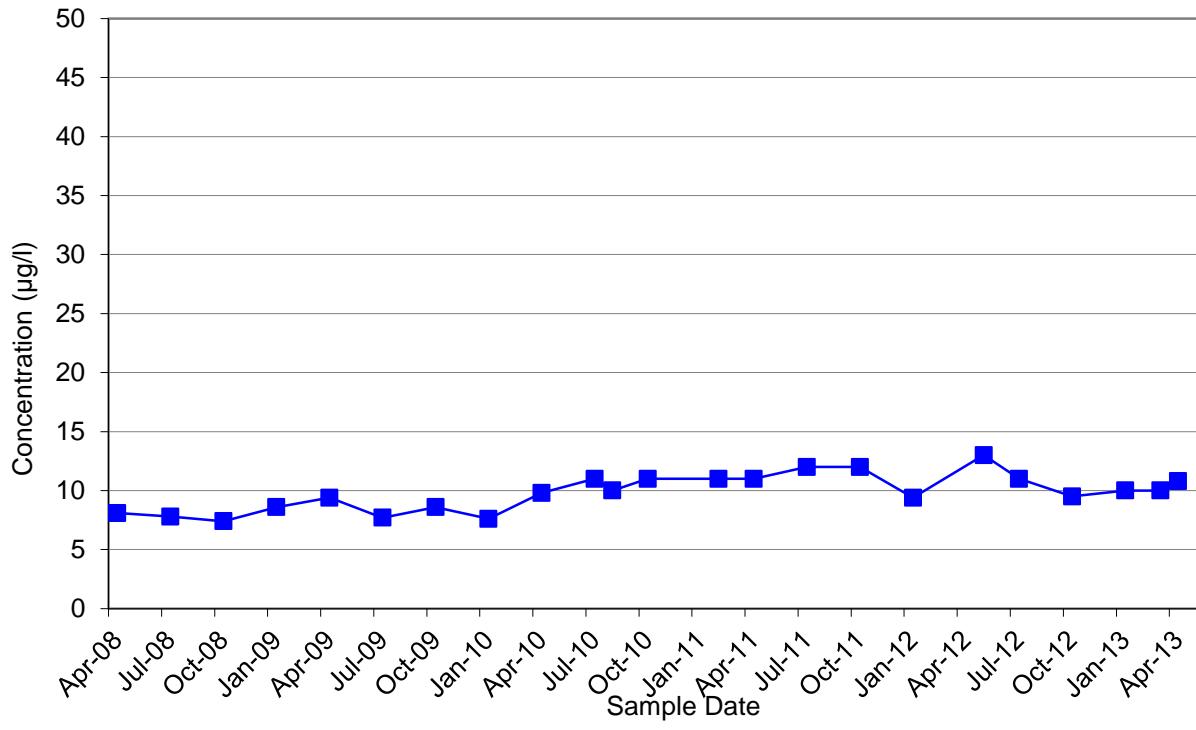
Cleanup Level (ESP) = 100 µg/l



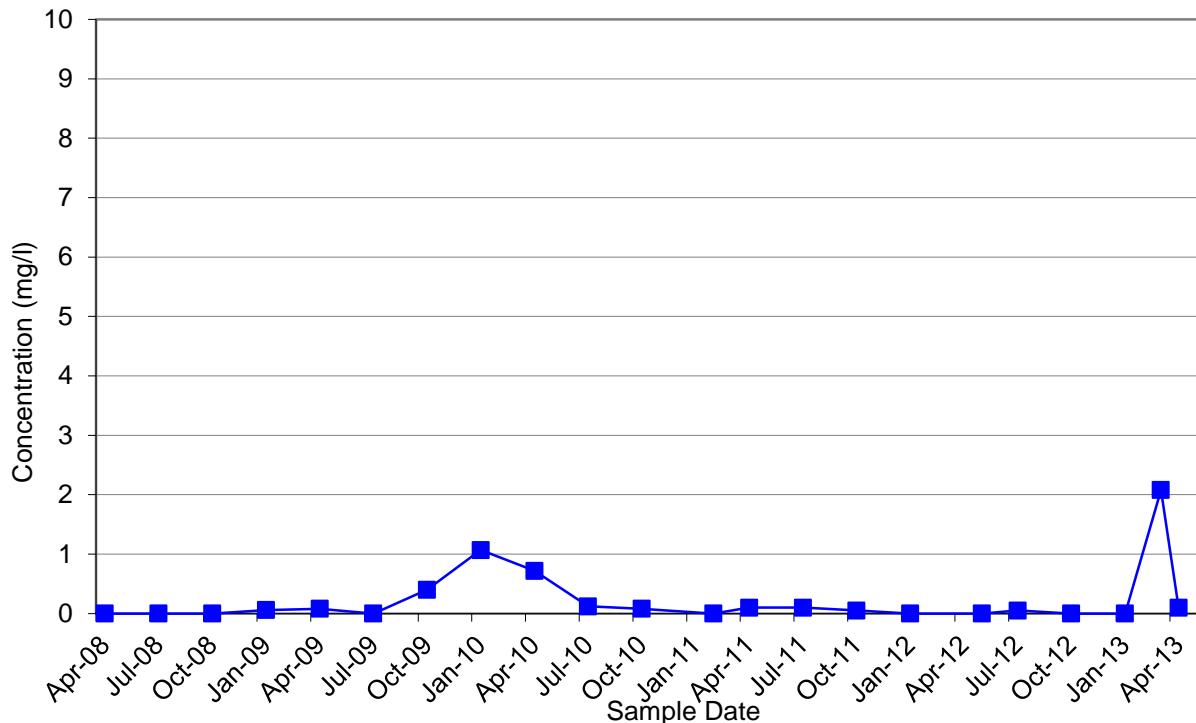
CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS

**cis 1,2-DICHLOROETHENE**

Cleanup Level (ESP) = 70 µg/l

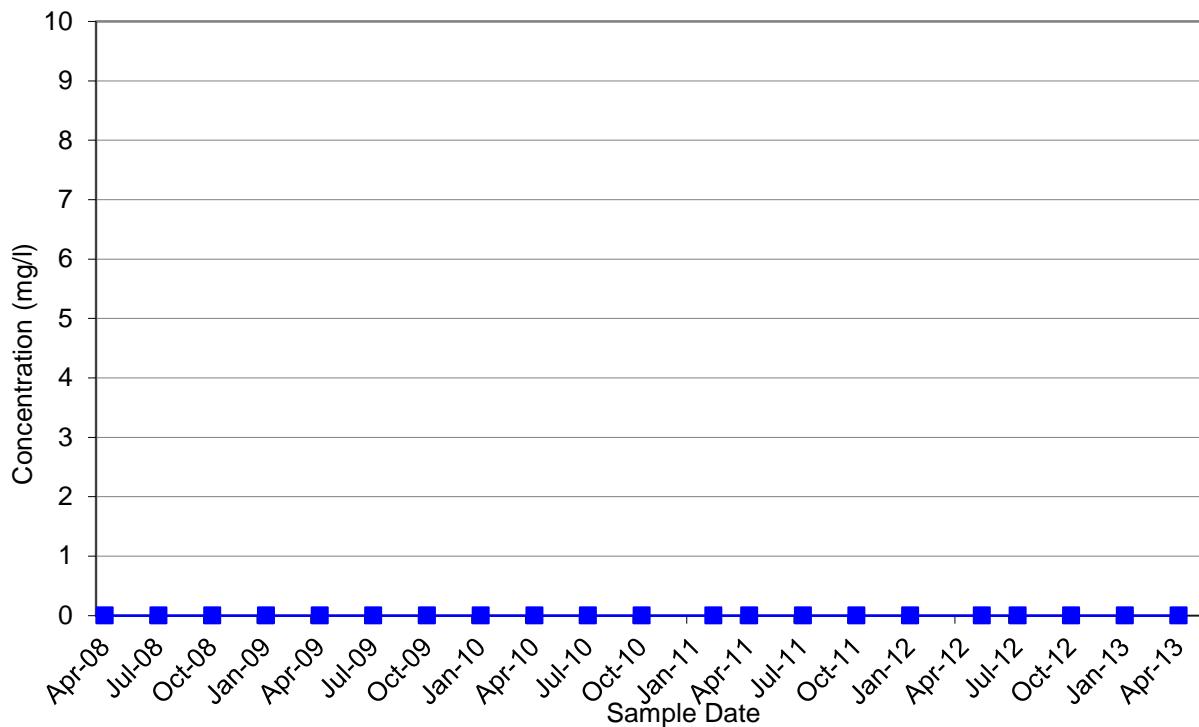


**IRON, TOTAL**

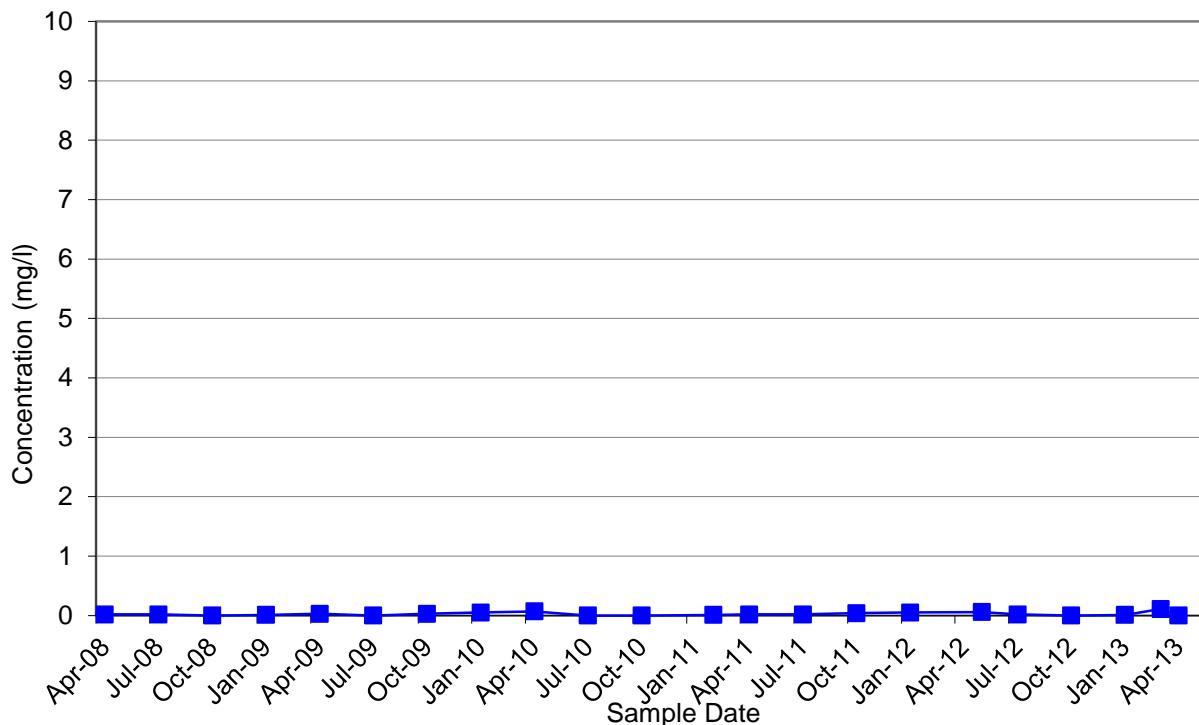


CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS

**IRON, DISSOLVED**

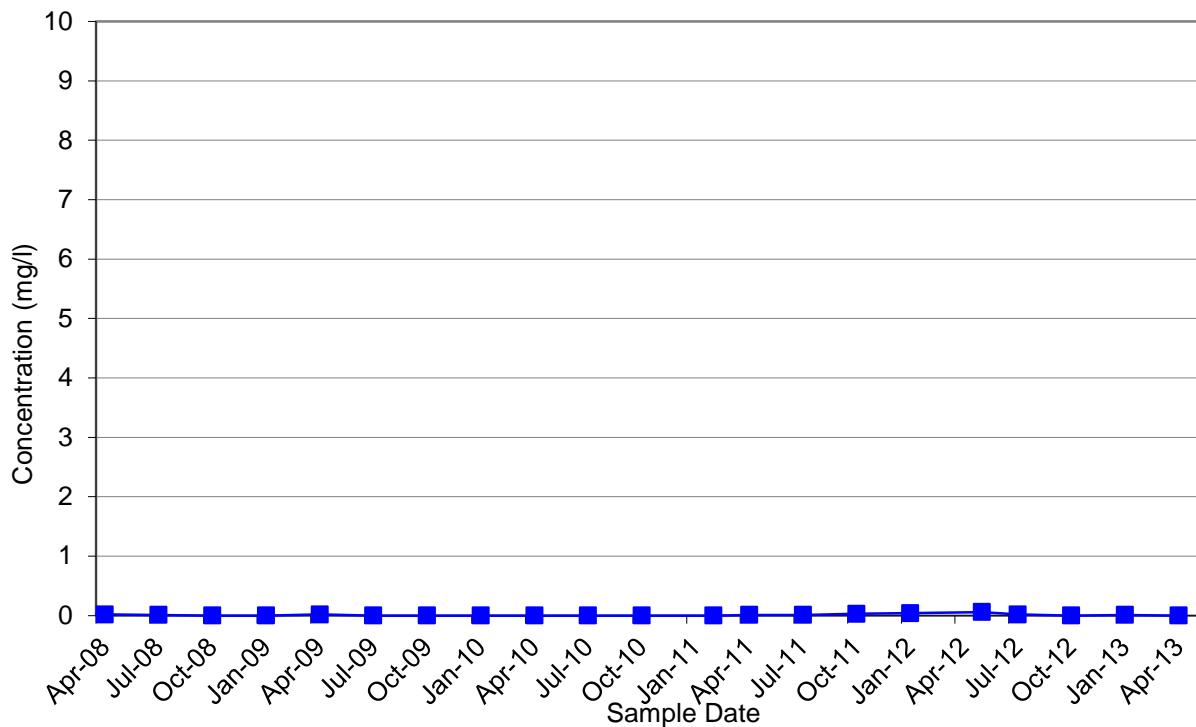


**MANGANESE, TOTAL**



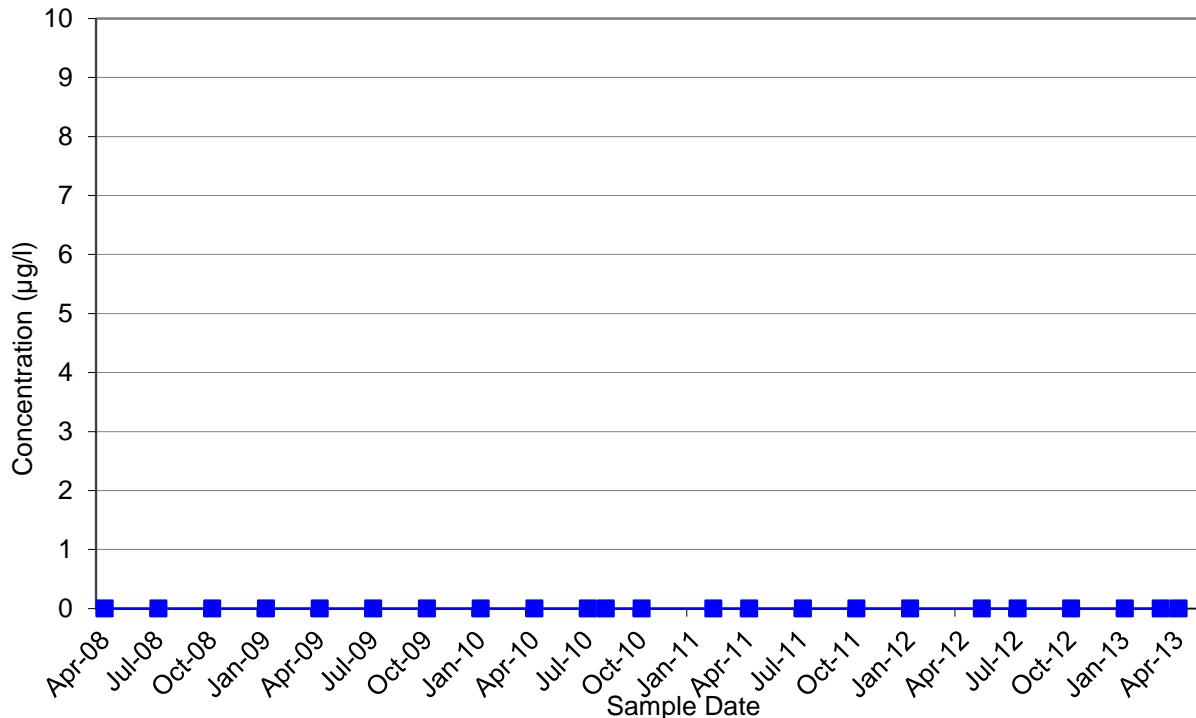
CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS

**MANGANESE, DISSOLVED**



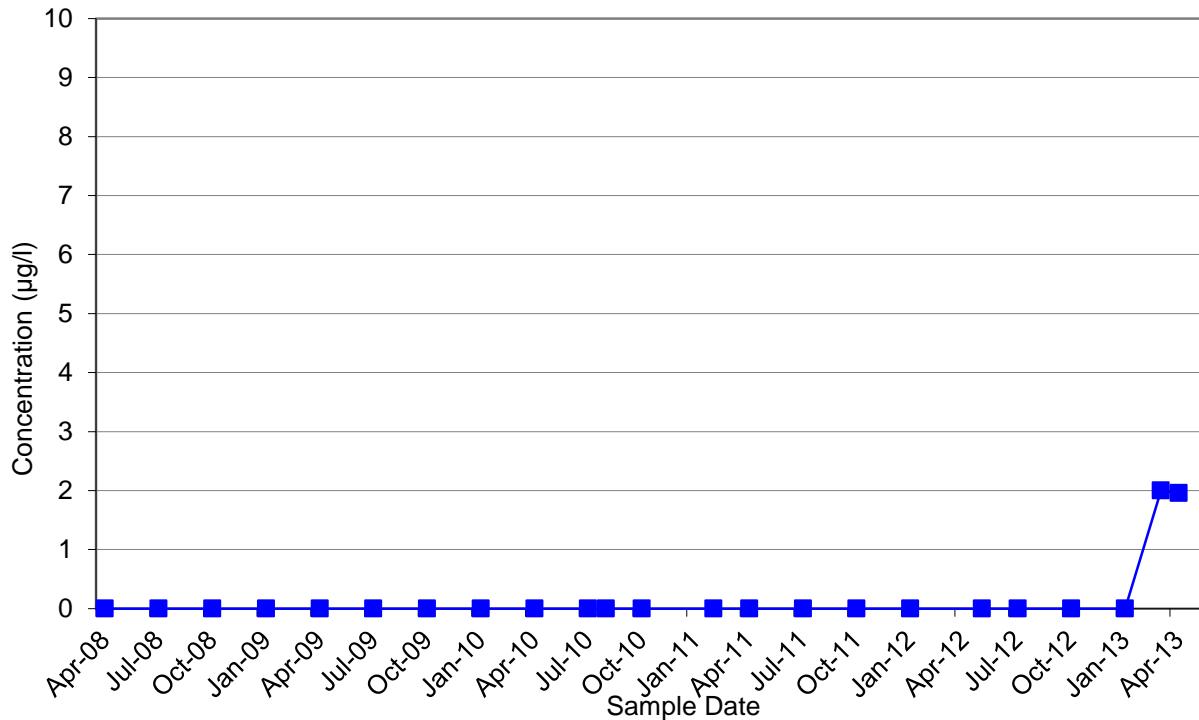
**METHYLENE CHLORIDE**

Cleanup Level (ESP) = 5 µg/l

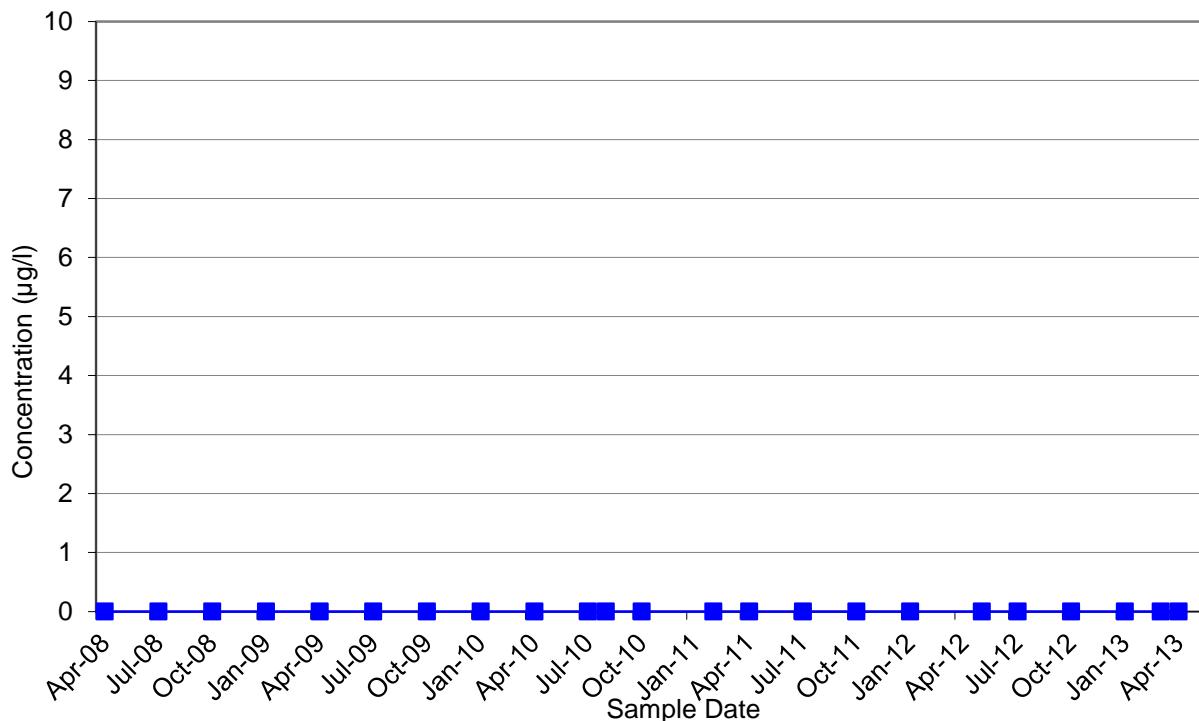


CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS

**TETRACHLOROETHENE**  
Cleanup Level (ESP) = 5 µg/l



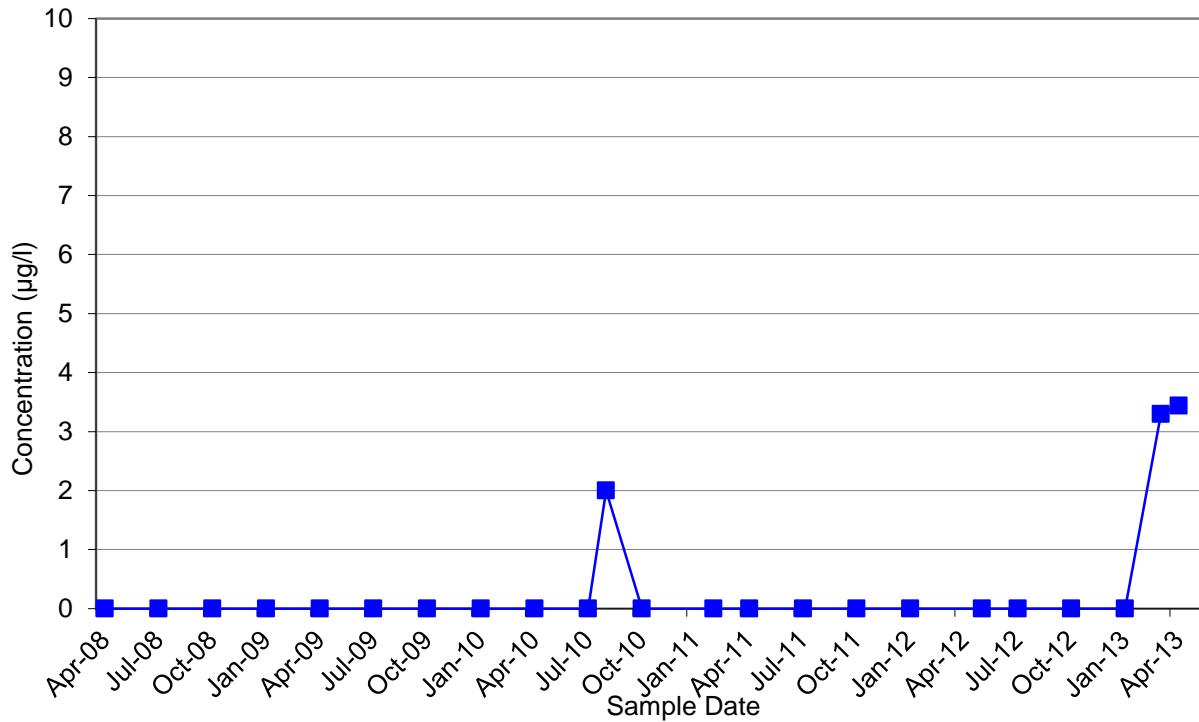
**trans 1,2-DICHLOROETHENE**  
Cleanup Level (ESP) = 100 µg/l



CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS

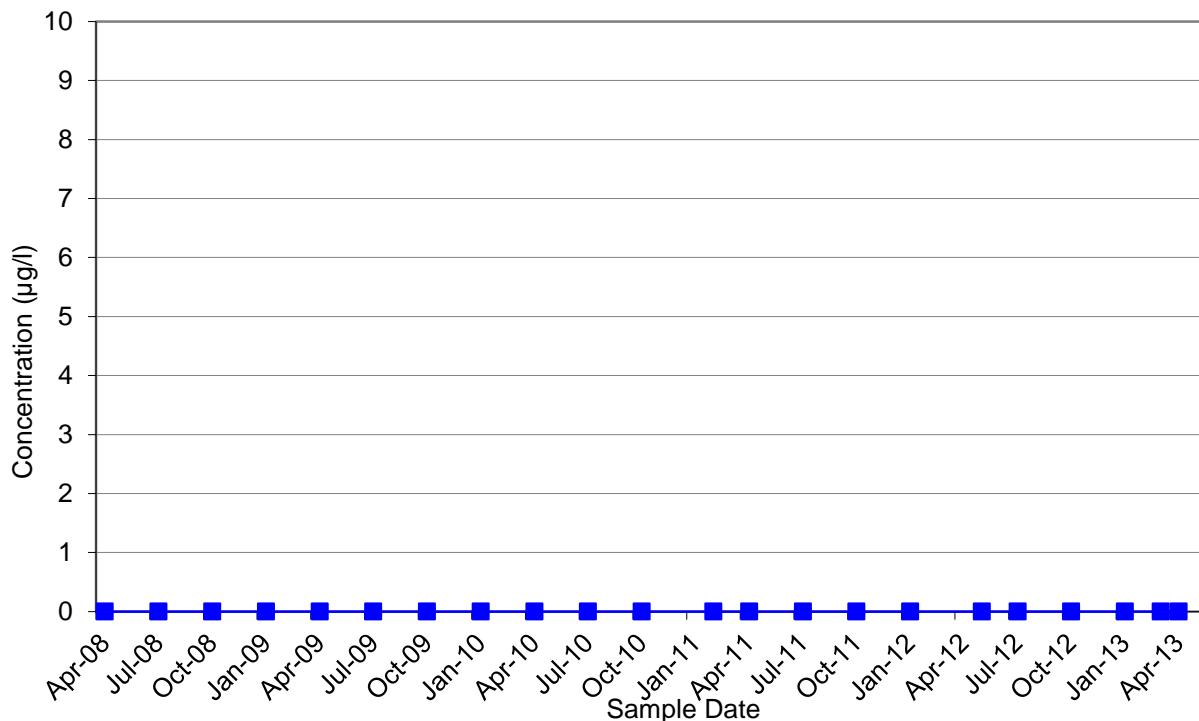
**TRICHLOROETHENE**

Cleanup Level (ESP) = 5 µg/l

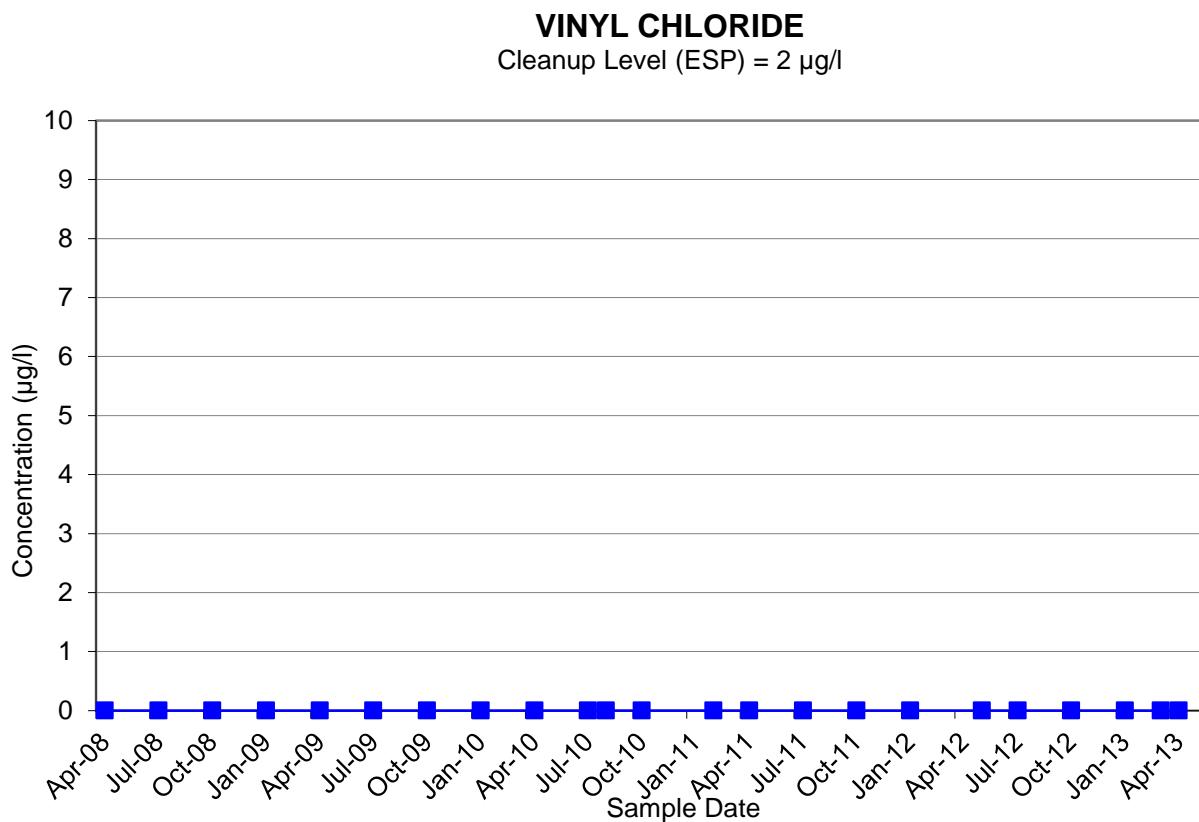


**TRICHLOROMETHANE**

Cleanup Level (ESP) = 80 µg/l



CHRIN BROTHERS LANDFILL  
PZ-3  
TIME SERIES CHARTS



Notes

1. Samples were collected during a temporary shutdown of groundwater pumping wells on August 4, 2010.



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**APPENDIX C**  
**GROUNDWATER TREATMENT SYSTEM PUMPING TOTALS**

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**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
08/01/03	0	0
08/02/03	0	0
08/03/03	0	0
08/04/03	0	0
08/05/03	0	0
08/06/03	0	0
08/07/03	0	0
08/08/03	0	0
08/09/03	0	0
08/10/03	0	0
08/11/03	0	0
08/12/03	0	0
08/13/03	0	0
08/14/03	0	0
08/15/03	0	0
08/16/03	0	0
08/17/03	0	0
08/18/03	0	0
08/19/03	0	0
08/20/03	0	0
08/21/03	0	0
08/22/03	0	0
08/23/03	0	0
08/24/03	0	0
08/25/03	0	0
08/26/03	0	0
08/27/03	0	0
08/28/03	0	0
08/29/03	0	0
08/30/03	0	0
08/31/03	1,249,956 August 2003 Total	1,298,020 August 2003 Total
09/01/03	0	0
09/02/03	0	0
09/03/03	0	0
09/04/03	0	0
09/05/03	0	0
09/06/03	0	0
09/07/03	0	0
09/08/03	0	0
09/09/03	0	0
09/10/03	0	0
09/11/03	0	0
09/12/03	0	0
09/13/03	0	0
09/14/03	0	0
09/15/03	0	0
09/16/03	0	0
09/17/03	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
09/18/03	0	0
09/19/03	0	0
09/20/03	0	0
09/21/03	0	0
09/22/03	0	0
09/23/03	0	0
09/24/03	0	0
09/25/03	0	0
09/26/03	0	0
09/27/03	0	0
09/28/03	0	0
09/29/03	0	0
09/30/03	2,658,650 September 2003 Total	1,199,925 September 2003 Total
10/01/03	0	0
10/02/03	0	0
10/03/03	0	0
10/04/03	0	0
10/05/03	0	0
10/06/03	0	0
10/07/03	0	0
10/08/03	0	0
10/09/03	0	0
10/10/03	0	0
10/11/03	0	0
10/12/03	0	0
10/13/03	0	0
10/14/03	0	0
10/15/03	0	0
10/16/03	0	0
10/17/03	0	0
10/18/03	0	0
10/19/03	0	0
10/20/03	0	0
10/21/03	0	0
10/22/03	0	0
10/23/03	0	0
10/24/03	0	0
10/25/03	0	0
10/26/03	0	0
10/27/03	0	0
10/28/03	0	0
10/29/03	0	0
10/30/03	0	0
10/31/03	1,886,252 October 2003 Total	1,210,882 October 2003 Total
11/01/03	0	0
11/02/03	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
11/03/03	0	0
11/04/03	0	0
11/05/03	0	0
11/06/03	0	0
11/07/03	0	0
11/08/03	0	0
11/09/03	0	0
11/10/03	0	0
11/11/03	0	0
11/12/03	0	0
11/13/03	0	0
11/14/03	0	0
11/15/03	0	0
11/16/03	0	0
11/17/03	0	0
11/18/03	0	0
11/19/03	0	0
11/20/03	0	0
11/21/03	0	0
11/22/03	0	0
11/23/03	0	0
11/24/03	0	0
11/25/03	0	0
11/26/03	0	0
11/27/03	0	0
11/28/03	0	0
11/29/03	0	0
11/30/03	706,340 November 2003 Total	1,073,279 November 2003 Total
12/01/03	272,447	441,912
12/02/03	296,067	472,421
12/03/03	321,142	504,355
12/04/03	346,034	536,352
12/05/03	370,408	568,299
12/06/03	0	0
12/07/03	0	0
12/08/03	444,619	664,755
12/09/03	469,224	696,744
12/10/03	494,014	728,979
12/11/03	520,053	762,770
12/12/03	543,668	793,430
12/13/03	568,594	825,689
12/14/03	0	0
12/15/03	619,644	892,168
12/16/03	643,182	923,188
12/17/03	667,802	955,448
12/18/03	692,937	988,242
12/19/03	717,588	1,020,485

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
12/20/03	743,129	1,053,787
12/21/03	0	0
12/22/03	793,965	1,118,918
12/23/03	0	0
12/24/03	843,639	1,185,167
12/25/03	0	0
12/26/03	0	0
12/27/03	0	0
12/28/03	0	0
12/29/03	968,171	1,347,536
12/30/03	992,212	1,379,226
12/31/03	1,016,927	1,411,941
01/01/04	0	0
01/02/04	1,047,925	1,478,910
01/03/04	1,070,995	1,511,377
01/04/04	0	0
01/05/04	1,119,772	1,578,280
01/06/04	1,143,513	1,610,995
01/07/04	1,167,922	1,643,049
01/08/04	1,192,174	1,675,947
01/09/04	1,216,772	1,708,901
01/10/04	0	0
01/11/04	0	0
01/12/04	0	0
01/13/04	1,311,841	1,842,755
01/14/04	1,335,033	1,874,233
01/15/04	1,359,835	1,907,605
01/16/04	1,384,210	1,940,365
01/17/04	0	0
01/18/04	0	0
01/19/04	1,458,401	2,040,825
01/20/04	1,481,630	2,072,590
01/21/04	0	0
01/22/04	0	0
01/23/04	1,554,999	2,169,631
01/24/04	1,578,147	2,202,974
01/25/04	0	0
01/26/04	1,625,747	2,269,626
01/27/04	0	0
01/28/04	1,671,381	2,334,734
01/29/04	0	0
01/30/04	1,718,426	2,401,742
01/31/04	1,740,425	2,433,194
02/01/04	0	0
02/02/04	1,788,939	2,500,593
02/03/04	1,811,825	2,531,552
02/04/04	1,836,149	2,564,405
02/05/04	1,860,476	2,597,358

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
02/06/04	1,884,358	2,629,672
02/07/04	0	0
02/08/04	0	0
02/09/04	1,956,752	2,727,793
02/10/04	1,980,373	2,759,777
02/11/04	2,004,120	2,792,490
02/12/04	2,028,670	2,825,962
02/13/04	2,052,316	2,858,251
02/14/04	2,076,455	2,891,389
02/15/04	0	0
02/16/04	2,125,514	2,958,361
02/17/04	2,151,006	2,993,135
02/18/04	0	0
02/19/04	2,197,256	3,056,291
02/20/04	2,220,659	3,088,103
02/21/04	0	0
02/22/04	0	0
02/23/04	2,292,677	3,186,109
02/24/04	2,317,911	3,220,256
02/25/04	0	0
02/26/04	2,364,438	3,283,079
02/27/04	2,388,775	3,315,869
02/28/04	0	0
02/29/04	0	0
03/01/04	0	0
03/02/04	0	0
03/03/04	0	0
03/04/04	0	0
03/05/04	0	0
03/06/04	0	0
03/07/04	0	0
03/08/04	0	0
03/09/04	2,506,530	3,475,244
03/10/04	2,534,589	3,513,591
03/11/04	2,555,669	3,542,666
03/12/04	2,577,565	3,572,938
03/13/04	0	0
03/14/04	0	0
03/15/04	2,649,230	3,671,814
03/16/04	2,672,822	3,704,249
03/17/04	0	0
03/18/04	2,724,653	3,776,196
03/19/04	2,743,154	3,802,107
03/20/04	0	0
03/21/04	0	0
03/22/04	2,816,711	3,905,011
03/23/04	2,834,621	3,930,660
03/24/04	2,860,140	3,966,721

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
03/25/04	2,880,268	3,993,390
03/26/04	2,904,271	4,025,249
03/27/04	0	0
03/28/04	0	0
03/29/04	2,977,044	4,122,354
03/30/04	3,001,658	4,155,171
03/31/04	3,025,876	4,187,548
04/01/04	3,052,499	4,223,001
04/02/04	3,074,549	4,252,683
04/03/04	0	0
04/04/04	0	0
04/05/04	3,146,815	4,349,276
04/06/04	3,170,468	4,380,690
04/07/04	3,194,653	4,412,811
04/08/04	3,220,255	4,447,007
04/09/04	3,245,056	4,479,932
04/10/04	0	0
04/11/04	0	0
04/12/04	3,317,130	4,575,630
04/13/04	3,342,356	4,609,043
04/14/04	0	0
04/15/04	3,390,465	4,674,982
04/16/04	3,411,405	4,704,286
04/17/04	0	0
04/18/04	0	0
04/19/04	3,480,573	4,804,963
04/20/04	3,491,297	4,837,676
04/21/04	3,503,626	4,870,691
04/22/04	3,515,944	4,903,380
04/23/04	3,528,731	4,936,167
04/24/04	0	0
04/25/04	0	0
04/26/04	3,564,756	4,988,324
04/27/04	3,578,593	5,015,717
04/28/04	3,592,347	5,048,695
04/29/04	3,605,962	5,081,340
04/30/04	3,622,812	5,120,622
05/01/04	0	0
05/02/04	0	0
05/03/04	3,727,965	5,215,341
05/04/04	3,752,637	5,246,929
05/05/04	3,760,395	5,282,696
05/06/04	3,767,672	5,315,576
05/07/04	3,849,588	5,342,548
05/08/04	0	0
05/09/04	0	0
05/10/04	4,079,534	5,409,120
05/11/04	4,147,823	5,439,816

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
05/12/04	4,208,637	5,444,250
05/13/04	4,247,662	5,479,131
05/14/04	4,276,405	5,494,793
05/15/04	0	0
05/16/04	0	0
05/17/04	4,390,066	5,566,421
05/18/04	4,425,233	5,588,119
05/19/04	4,463,470	5,602,590
05/20/04	4,498,560	5,624,131
05/21/04	4,537,677	5,659,326
05/22/04	0	0
05/23/04	0	0
05/24/04	4,649,179	5,760,071
05/25/04	4,685,722	5,793,073
05/26/04	4,715,921	5,825,039
05/27/04	4,744,587	5,857,501
05/28/04	4,774,570	5,891,795
05/29/04	0	0
05/30/04	0	0
05/31/04	0	0
06/01/04	4,892,598	6,025,931
06/02/04	4,920,799	6,058,054
06/03/04	4,951,148	6,092,726
06/04/04	4,980,319	6,126,066
06/05/04	0	0
06/06/04	0	0
06/07/04	5,059,203	6,226,015
06/08/04	5,084,630	6,258,631
06/09/04	5,111,026	6,292,533
06/10/04	5,139,109	6,328,593
06/11/04	5,163,005	6,359,256
06/12/04	0	0
06/13/04	0	0
06/14/04	5,240,458	6,459,025
06/15/04	5,266,235	6,492,126
06/16/04	5,289,661	6,522,188
06/17/04	0	0
06/18/04	5,314,313	6,551,329
06/19/04	0	0
06/20/04	0	0
06/21/04	5,456,520	6,651,413
06/22/04	5,503,566	6,676,648
06/23/04	0	0
06/24/04	5,607,290	6,742,642
06/25/04	5,663,413	6,778,499
06/26/04	0	0
06/27/04	0	0
06/28/04	5,805,443	6,876,451

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
06/29/04	5,859,153	6,910,640
06/30/04	5,910,852	6,943,474
07/01/04	5,961,607	6,973,237
07/02/04	6,011,335	6,999,934
07/03/04	0	0
07/04/04	0	0
07/05/04	6,120,721	7,099,216
07/06/04	6,134,815	7,106,565
07/07/04	6,198,989	7,139,102
07/08/04	6,259,457	7,170,863
07/09/04	6,328,662	7,206,431
07/10/04	0	0
07/11/04	0	0
07/12/04	6,517,862	7,303,312
07/13/04	0	0
07/14/04	6,648,545	7,370,039
07/15/04	6,704,129	7,400,718
07/16/04	6,767,033	7,433,196
07/17/04	0	0
07/18/04	0	0
07/19/04	6,961,844	7,533,996
07/20/04	7,022,352	7,564,041
07/21/04	7,083,398	7,595,311
07/22/04	7,138,882	7,629,719
07/23/04	7,201,103	7,659,724
07/24/04	0	0
07/25/04	0	0
07/26/04	7,402,543	7,756,727
07/27/04	7,466,641	7,787,503
07/28/04	7,527,046	7,816,479
07/29/04	7,603,224	7,853,047
07/30/04	7,659,308	7,880,099
07/31/04	0	0
08/01/04	0	0
08/02/04	7,851,935	7,972,881
08/03/04	7,908,349	8,000,211
08/04/04	0	0
08/05/04	0	0
08/06/04	8,002,205	8,069,215
08/07/04	0	0
08/08/04	0	0
08/09/04	8,178,508	8,164,919
08/10/04	8,242,515	8,199,548
08/11/04	8,297,147	8,229,172
08/12/04	8,356,554	8,261,298
08/13/04	8,416,150	8,293,457
08/14/04	0	0
08/15/04	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
08/16/04	8,594,055	8,385,485
08/17/04	8,660,872	8,416,695
08/18/04	8,723,747	8,446,061
08/19/04	8,793,227	8,479,951
08/20/04	8,860,120	8,510,683
08/21/04	0	0
08/22/04	0	0
08/23/04	9,071,971	8,609,905
08/24/04	9,131,818	8,638,295
08/25/04	9,202,239	8,671,123
08/26/04	0	0
08/27/04	9,341,254	8,735,961
08/28/04	0	0
08/29/04	0	0
08/30/04	0	0
08/31/04	9,523,772	8,861,581
09/01/04	0	0
09/02/04	9,658,815	8,925,686
09/03/04	9,724,029	8,956,562
09/04/04	0	0
09/05/04	0	0
09/06/04	0	0
09/07/04	9,993,992	9,081,269
09/08/04	10,058,328	9,111,525
09/09/04	10,131,111	9,145,860
09/10/04	10,195,807	9,176,591
09/11/04	0	0
09/12/04	0	0
09/13/04	10,400,843	9,275,999
09/14/04	10,462,577	9,304,778
09/15/04	10,537,859	9,341,293
09/16/04	0	0
09/17/04	10,643,156	9,391,371
09/18/04	0	0
09/19/04	0	0
09/20/04	10,802,466	9,475,726
09/21/04	10,858,108	9,507,519
09/22/04	0	0
09/23/04	10,971,011	9,572,248
09/24/04	11,023,308	9,602,075
09/25/04	0	0
09/26/04	0	0
09/27/04	11,190,021	9,693,864
09/28/04	11,242,846	9,722,797
09/29/04	11,303,446	9,754,844
09/30/04	11,365,834	9,787,963
10/01/04	11,428,451	9,819,697
10/02/04	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
10/03/04	0	0
10/04/04	11,611,872	9,914,868
10/05/04	11,678,686	9,949,591
10/06/04	11,732,617	9,978,358
10/07/04	11,792,615	10,010,784
10/08/04	11,847,511	10,040,580
10/09/04	0	0
10/10/04	0	0
10/11/04	12,027,537	10,137,442
10/12/04	0	0
10/13/04	0	0
10/14/04	12,219,261	10,228,905
10/15/04	12,280,798	10,258,626
10/16/04	0	0
10/17/04	0	0
10/18/04	12,462,511	10,348,795
10/19/04	12,522,051	10,378,294
10/20/04	12,589,181	10,411,066
10/21/04	12,655,081	10,443,383
10/22/04	12,720,690	10,475,376
10/23/04	0	0
10/24/04	0	0
10/25/04	12,920,960	10,572,803
10/26/04	12,976,646	10,601,951
10/27/04	13,042,051	10,633,247
10/28/04	13,108,501	10,666,967
10/29/04	13,169,888	10,696,264
10/30/04	0	0
10/31/04	0	0
11/01/04	13,362,864	10,792,386
11/02/04	13,423,272	10,822,304
11/03/04	13,492,591	10,856,630
11/04/04	0	0
11/05/04	13,548,661	10,884,486
11/06/04	0	0
11/07/04	0	0
11/08/04	13,734,647	10,978,504
11/09/04	13,796,379	11,009,732
11/10/04	13,859,227	11,041,485
11/11/04	0	0
11/12/04	13,984,212	11,104,315
11/13/04	0	0
11/14/04	0	0
11/15/04	14,175,388	11,200,585
11/16/04	14,237,718	11,232,187
11/17/04	14,299,837	11,263,888
11/18/04	14,355,885	11,292,265
11/19/04	14,420,172	11,324,752

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
11/20/04	0	0
11/21/04	0	0
11/22/04	14,593,557	11,413,010
11/23/04	14,650,969	11,442,589
11/24/04	14,713,201	11,475,701
11/25/04	0	0
11/26/04	14,828,599	11,537,973
11/27/04	0	0
11/28/04	0	0
11/29/04	15,011,396	11,635,173
11/30/04	0	0
12/01/04	15,121,734	11,696,698
12/02/04	15,179,083	11,728,627
12/03/04	15,234,832	11,759,758
12/04/04	0	0
12/05/04	0	0
12/06/04	15,409,573	11,858,286
12/07/04	0	0
12/08/04	0	0
12/09/04	15,576,773	11,952,281
12/10/04	15,632,021	11,983,393
12/11/04	0	0
12/12/04	0	0
12/13/04	15,813,431	12,085,831
12/14/04	15,868,877	12,117,237
12/15/04	15,924,196	12,148,573
12/16/04	15,980,742	12,180,784
12/17/04	16,037,944	12,213,255
12/18/04	0	0
12/19/04	0	0
12/20/04	16,171,981	12,291,016
12/21/04	16,223,687	12,330,275
12/22/04	16,281,446	12,351,738
12/23/04	16,342,127	12,385,103
12/24/04	16,396,557	12,414,883
12/25/04	0	0
12/26/04	0	0
12/27/04	16,567,516	12,508,108
12/28/04	16,624,344	12,539,453
12/29/04	16,682,373	12,571,303
12/30/04	16,739,493	12,602,632
12/31/04	16,797,893	12,634,578
01/01/05	0	0
01/02/05	0	0
01/03/05	0	12,731,047
01/04/05	0	12,761,505
01/05/05	0	12,795,393
01/06/05	0	12,826,384

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
01/07/05	0	12,857,800
01/08/05	0	0
01/09/05	0	0
01/10/05	0	12,953,432
01/11/05	0	0
01/12/05	0	13,023,683
01/13/05	0	13,049,383
01/14/05	0	13,083,284
01/15/05	0	0
01/16/05	0	0
01/17/05	0	13,180,172
01/18/05	0	13,211,982
01/19/05	0	13,244,532
01/20/05	0	13,279,570
01/21/05	0	13,309,845
01/22/05	0	0
01/23/05	0	0
01/24/05	0	13,408,830
01/25/05	0	13,447,573
01/26/05	0	13,472,310
01/27/05	0	13,508,585
01/28/05	0	13,539,592
01/29/05	0	0
01/30/05	0	0
01/31/05	1,707,666 January 2005 Total	13,633,342
02/01/05	0	13,662,904
02/02/05	0	0
02/03/05	0	13,726,513
02/04/05	0	13,760,717
02/05/05	0	0
02/06/05	0	0
02/07/05	0	13,856,706
02/08/05	0	13,885,197
02/09/05	0	0
02/10/05	0	13,893,645
02/11/05	0	13,918,618
02/12/05	0	0
02/13/05	0	0
02/14/05	0	14,016,785
02/15/05	0	14,048,463
02/16/05	0	14,081,229
02/17/05	0	14,113,282
02/18/05	0	14,146,686
02/19/05	0	0
02/20/05	0	0
02/21/05	0	14,243,942
02/22/05	0	14,274,416

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
02/23/05	0	14,306,830
02/24/05	0	0
02/25/05	0	14,372,402
02/26/05	0	0
02/27/05	0	0
02/28/05	1,527,433 February 2005 Total	14,471,246
03/01/05	0 Totalizer Reset	0
03/02/05	741,685	14,535,429
03/03/05	799,285	14,566,921
03/04/05	858,015	14,598,837
03/05/05	0	0
03/06/05	0	0
03/07/05	1,043,760	14,699,306
03/08/05	1,094,475	14,726,785
03/09/05	1,154,785	14,759,522
03/10/05	1,213,487	14,791,273
03/11/05	1,271,148	14,822,627
03/12/05	0	0
03/13/05	0	0
03/14/05	1,449,508	14,919,269
03/15/05	1,505,678	14,949,886
03/16/05	1,558,950	14,978,926
03/17/05	1,613,530	15,008,197
03/18/05	1,674,605	15,040,205
03/19/05	0	0
03/20/05	0	0
03/21/05	1,876,383	15,142,280
03/22/05	1,934,575	15,171,325
03/23/05	1,996,555	15,202,386
03/24/05	2,060,170	15,234,393
03/25/05	2,121,030	15,265,914
03/26/05	0	0
03/27/05	0	0
03/28/05	2,280,333	15,351,134
03/29/05	0	0
03/30/05	2,352,914	15,391,359
03/31/05	2,411,666	15,424,049
04/01/05	2,475,040	15,459,223
04/02/05	0	0
04/03/05	0	0
04/04/05	0	0
04/05/05	2,714,085	15,588,213
04/06/05	0	0
04/07/05	2,837,675	15,655,831
04/08/05	2,898,485	15,689,247
04/09/05	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
04/10/05	0	0
04/11/05	3,083,440	15,771,108
04/12/05	0	0
04/13/05	0	0
04/14/05	3,197,724	15,875,648
04/15/05	3,228,395	15,916,099
04/16/05	0	0
04/17/05	0	0
04/18/05	3,308,049	16,020,878
04/19/05	3,335,150	16,056,314
04/20/05	3,363,940	16,094,131
04/21/05	3,388,801	16,128,111
04/22/05	3,414,995	16,163,839
04/23/05	0	0
04/24/05	0	0
04/25/05	3,494,043	16,271,808
04/26/05	3,519,298	16,306,319
04/27/05	3,544,836	16,342,465
04/28/05	3,569,558	16,377,819
04/29/05	3,599,752	16,420,944
04/30/05	0	0
05/01/05	0	0
05/02/05	3,671,101	16,522,844
05/03/05	3,693,350	16,554,845
05/04/05	0	0
05/05/05	3,741,056	16,625,461
05/06/05	3,764,497	16,660,149
05/07/05	0	0
05/08/05	0	0
05/09/05	3,835,060	16,768,538
05/10/05	3,856,506	16,802,637
05/11/05	3,879,357	16,839,963
05/12/05	3,901,340	16,873,941
05/13/05	3,923,730	16,909,713
05/14/05	0	0
05/15/05	0	0
05/16/05	3,991,042	17,016,818
05/17/05	4,012,861	17,052,979
05/18/05	4,034,848	17,087,627
05/19/05	4,057,850	17,124,749
05/20/05	4,078,238	17,158,292
05/21/05	0	0
05/22/05	0	0
05/23/05	4,143,946	17,265,959
05/24/05	4,164,633	17,299,883
05/25/05	4,186,070	17,335,020
05/26/05	4,208,220	17,371,975
05/27/05	4,228,965	17,394,109

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
05/28/05	0	0
05/29/05	0	0
05/30/05	0	0
05/31/05	4,317,645	17,522,629
06/01/05	4,337,498	17,522,629
06/02/05	4,358,153	17,554,861
06/03/05	4,379,295	17,589,089
06/04/05	0	0
06/05/05	0	0
06/06/05	0	0
06/07/05	4,461,598	17,724,144
06/08/05	0	0
06/09/05	0	0
06/10/05	0	0
06/11/05	0	0
06/12/05	0	0
06/13/05	0	0
06/14/05	0	0
06/15/05	0	0
06/16/05	4,500,094	17,790,123
06/17/05	4,517,741	17,821,845
06/18/05	0	0
06/19/05	0	0
06/20/05	4,575,818	17,927,475
06/21/05	4,591,449	17,956,631
06/22/05	4,609,482	17,990,567
06/23/05	4,628,603	18,026,632
06/24/05	4,646,549	18,060,354
06/25/05	0	0
06/26/05	0	0
06/27/05	0	0
06/28/05	4,718,385	18,194,284
06/29/05	4,735,031	18,225,451
06/30/05	4,752,937	18,259,327
07/01/05	4,771,077	18,293,559
07/02/05	0	0
07/03/05	0	0
07/04/05	0	0
07/05/05	4,845,877	18,432,003
07/06/05	4,863,269	18,463,908
07/07/05	4,894,436	18,495,808
07/08/05	4,934,828	18,524,202
07/09/05	0	0
07/10/05	0	0
07/11/05	5,056,660	18,626,323
07/12/05	0	0
07/13/05	0	0
07/14/05	5,133,969	18,725,024

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
07/15/05	5,161,303	18,760,502
07/16/05	0	0
07/17/05	0	0
07/18/05	5,234,050	18,868,131
07/19/05	5,252,430	18,904,355
07/20/05	5,268,750	18,938,499
07/21/05	5,285,934	18,974,146
07/22/05	5,303,162	19,010,207
07/23/05	0	0
07/24/05	0	0
07/25/05	5,353,715	19,116,308
07/26/05	5,373,054	19,151,374
07/27/05	5,392,850	19,187,516
07/28/05	5,410,871	19,223,465
07/29/05	5,428,899	19,261,979
07/30/05	0	0
07/31/05	0	0
08/01/05	5,483,177	19,373,892
08/02/05	5,500,040	19,408,266
08/03/05	5,517,184	19,443,258
08/04/05	5,535,634	19,481,574
08/05/05	5,551,807	19,515,203
08/06/05	0	0
08/07/05	0	0
08/08/05	5,605,225	19,626,319
08/09/05	5,621,842	19,660,900
08/10/05	5,638,618	19,695,725
08/11/05	5,656,450	19,733,012
08/12/05	5,673,558	19,768,795
08/13/05	0	0
08/14/05	0	0
08/15/05	5,727,280	19,881,091
08/16/05	0	0
08/17/05	0	0
08/18/05	5,747,584	19,923,883
08/19/05	5,763,944	19,941,683
08/20/05	0	0
08/21/05	0	0
08/22/05	5,813,653	20,052,827
08/23/05	5,829,861	20,089,053
08/24/05	5,846,006	20,125,169
08/25/05	5,862,309	20,161,036
08/26/05	0	0
08/27/05	0	0
08/28/05	0	0
08/29/05	5,926,062	20,301,183
08/30/05	5,942,090	20,336,811
08/31/05	5,957,493	20,371,308

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
09/01/05	5,973,342	20,407,107
09/02/05	5,989,815	20,444,211
09/03/05	0	0
09/04/05	0	0
09/05/05	0	0
09/06/05	6,053,310	20,586,231
09/07/05	6,069,796	20,622,871
09/08/05	6,085,318	20,657,856
09/09/05	6,100,560	20,692,007
09/10/05	0	0
09/11/05	0	0
09/12/05	6,146,809	20,796,230
09/13/05	6,162,249	20,831,055
09/14/05	6,178,612	20,868,063
09/15/05	6,194,406	20,903,862
09/16/05	6,209,895	20,938,643
09/17/05	0	0
09/18/05	0	0
09/19/05	6,255,614	21,041,556
09/20/05	6,270,625	21,075,108
09/21/05	6,286,225	21,110,966
09/22/05	6,301,680	21,144,578
09/23/05	6,317,315	21,179,544
09/24/05	0	0
09/25/05	0	0
09/26/05	6,373,591	21,282,743
09/27/05	6,392,496	21,317,143
09/28/05	6,411,366	21,351,660
09/29/05	6,430,481	21,386,548
09/30/05	6,449,234	21,420,902
10/01/05	0	0
10/02/05	0	0
10/03/05	0	21,521,153
10/04/05	0	0
10/05/05	0	0
10/06/05	0	21,606,620
10/07/05	0	21,634,557
10/08/05	0	0
10/09/05	0	0
10/10/05	0	21,715,837
10/11/05	0	0
10/12/05	0	0
10/13/05	0	21,770,921
10/14/05	0	21,793,730
10/15/05	0	0
10/16/05	0	0
10/17/05	0	21,903,433
10/18/05	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
10/19/05	0	0
10/20/05	0	0
10/21/05	0	0
10/22/05	0	0
10/23/05	0	0
10/24/05	0	22,010,353
10/25/05	0	0
10/26/05	0	22,082,114
10/27/05	0	22,114,014
10/28/05	0	0
10/29/05	0	0
10/30/05	0	0
10/31/05	736,494 October 2005 Total	22,260,363
11/01/05	0	0
11/02/05	0	0
11/03/05	0	22,365,863
11/04/05	0	22,401,842
11/05/05	0	0
11/06/05	0	0
11/07/05	0	22,510,502
11/08/05	0	22,543,603
11/09/05	0	0
11/10/05	0	22,616,912
11/11/05	0	22,649,956
11/12/05	0	0
11/13/05	0	0
11/14/05	0	22,757,044
11/15/05	0	22,789,651
11/16/05	0	22,825,235
11/17/05	0	22,861,488
11/18/05	0	22,898,558
11/19/05	0	0
11/20/05	0	0
11/21/05	0	23,004,275
11/22/05	0	0
11/23/05	0	23,075,461
11/24/05	0	0
11/25/05	0	23,147,004
11/26/05	0	0
11/27/05	0	0
11/28/05	0	0
11/29/05	0	23,289,241
11/30/05	1,354,124 November 2005 Total	23,324,781
12/01/05	7,305,244 Resume Totalizer Readings	23,359,442
12/02/05	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
12/03/05	0	0
12/04/05	0	0
12/05/05	7,492,267	23,504,048
12/06/05	7,535,295	23,537,692
12/07/05	7,580,208	23,572,837
12/08/05	7,627,200	23,609,718
12/09/05	7,670,865	23,644,017
12/10/05	0	0
12/11/05	0	0
12/12/05	7,807,840	23,751,630
12/13/05	7,849,444	23,784,450
12/14/05	7,894,555	23,820,193
12/15/05	7,939,285	23,855,412
12/16/05	7,983,108	23,890,265
12/17/05	0	0
12/18/05	0	0
12/19/05	8,119,405	23,996,381
12/20/05	8,164,175	24,031,346
12/21/05	8,209,165	24,066,809
12/22/05	8,253,676	24,102,068
12/23/05	8,298,251	24,137,501
12/24/05	0	0
12/25/05	0	0
12/26/05	0	0
12/27/05	8,480,130	24,282,055
12/28/05	8,521,620	24,314,511
12/29/05	8,569,151	24,351,895
12/30/05	8,613,888	24,387,043
12/31/05	0	0
01/01/06	0	0
01/02/06	8,749,595	24,494,248
01/03/06	8,794,530	24,529,907
01/04/06	8,839,605	24,565,013
01/05/06	8,886,534	24,601,592
01/06/06	8,928,485	24,634,048
01/07/06	0	0
01/08/06	0	0
01/09/06	9,064,757	24,741,383
01/10/06	9,109,352	24,776,795
01/11/06	9,153,657	24,812,071
01/12/06	9,200,130	24,848,122
01/13/06	9,256,974	24,883,282
01/14/06	0	0
01/15/06	0	0
01/16/06	9,425,709	24,987,356
01/17/06	0	0
01/18/06	0	0
01/19/06	9,579,042	25,080,325

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
01/20/06	9,631,650	25,113,679
01/21/06	0	0
01/22/06	0	0
01/23/06	9,800,460	25,220,439
01/24/06	9,853,525	25,254,307
01/25/06	9,907,995	25,289,398
01/26/06	9,967,008	25,327,220
01/27/06	10,015,275	25,359,101
01/28/06	0	0
01/29/06	0	0
01/30/06	10,165,945	25,458,747
01/31/06	10,223,272	25,496,265
02/01/06	10,274,590	25,530,708
02/02/06	10,324,545	25,564,484
02/03/06	10,377,053	25,599,777
02/04/06	0	0
02/05/06	0	0
02/06/06	10,539,640	25,709,583
02/07/06	10,585,738	25,740,856
02/08/06	10,640,088	25,777,662
02/09/06	10,687,665	25,810,101
02/10/06	10,737,945	25,844,471
02/11/06	0	0
02/12/06	0	0
02/13/06	10,888,165	25,947,165
02/14/06	10,936,475	25,980,326
02/15/06	0	0
02/16/06	11,023,980	26,039,661
02/17/06	11,077,445	26,076,018
02/18/06	0	0
02/19/06	0	0
02/20/06	11,242,248	26,187,791
02/21/06	11,292,620	26,221,711
02/22/06	11,345,723	26,257,558
02/23/06	11,402,028	26,295,624
02/24/06	11,456,455	26,332,592
02/25/06	0	0
02/26/06	0	0
02/27/06	11,613,335	26,438,127
02/28/06	11,673,150	26,478,443
03/01/06	11,719,975	26,510,959
03/02/06	11,773,362	26,545,803
03/03/06	11,826,272	26,581,585
03/04/06	0	0
03/05/06	0	0
03/06/06	11,988,381	26,690,785
03/07/06	0	0
03/08/06	12,094,180	26,762,001

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
03/09/06	12,143,854	26,795,436
03/10/06	0	0
03/11/06	0	0
03/12/06	0	0
03/13/06	12,339,211	26,929,127
03/14/06	12,383,975	26,959,913
03/15/06	12,416,719	26,982,378
03/16/06	12,439,355	27,014,204
03/17/06	12,458,765	27,048,311
03/18/06	0	0
03/19/06	0	0
03/20/06	12,517,230	27,151,726
03/21/06	12,536,510	27,185,842
03/22/06	12,555,724	27,220,098
03/23/06	12,575,105	27,254,599
03/24/06	12,594,408	27,288,913
03/25/06	0	0
03/26/06	0	0
03/27/06	12,651,012	27,391,636
03/28/06	12,669,565	27,425,320
03/29/06	12,688,438	27,459,647
03/30/06	12,708,167	27,495,711
03/31/06	12,729,668	27,529,895
04/01/06	0	0
04/02/06	0	0
04/03/06	12,795,794	27,635,984
04/04/06	12,817,349	27,669,044
04/05/06	12,839,514	27,704,952
04/06/06	0	0
04/07/06	12,902,625	27,772,561
04/08/06	0	0
04/09/06	0	0
04/10/06	0	0
04/11/06	0	0
04/12/06	0	0
04/13/06	0	0
04/14/06	0	0
04/15/06	0	0
04/16/06	0	0
04/17/06	0	0
04/18/06	0	0
04/19/06	0	0
04/20/06	13,286,012	28,038,913
04/21/06	13,330,300	28,072,067
04/22/06	0	0
04/23/06	0	0
04/24/06	0	0
04/25/06	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
04/26/06	0	0
04/27/06	13,405,595	28,125,743
04/28/06	13,461,976	28,158,356
04/29/06	0	0
04/30/06	0	0
05/01/06	0	0
05/02/06	0	0
05/03/06	0	0
05/04/06	0	0
05/05/06	0	0
05/06/06	0	0
05/07/06	0	0
05/08/06	0	0
05/09/06	13,515,150	28,188,981
05/10/06	0	0
05/11/06	0	0
05/12/06	0	0
05/13/06	0	0
05/14/06	0	0
05/15/06	0	0
05/16/06	0	0
05/17/06	0	0
05/18/06	0	0
05/19/06	0	0
05/20/06	0	0
05/21/06	0	0
05/22/06	13,639,993	28,257,112
05/23/06	13,699,355	28,290,753
05/24/06	13,753,650	28,321,203
05/25/06	13,813,362	28,354,115
05/26/06	13,873,340	28,387,093
05/27/06	0	0
05/28/06	0	0
05/29/06	0	0
05/30/06	14,069,995	28,524,034
05/31/06	14,124,437	28,556,963
06/01/06	0	0
06/02/06	14,235,682	28,621,508
06/03/06	0	0
06/04/06	0	0
06/05/06	14,401,840	28,716,947
06/06/06	14,451,172	28,745,834
06/07/06	14,505,490	28,778,892
06/08/06	14,559,900	28,811,441
06/09/06	14,611,805	28,843,481
06/10/06	0	0
06/11/06	0	0
06/12/06	14,772,471	28,934,376

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
06/13/06	14,826,106	28,963,314
06/14/06	14,878,092	28,975,125
06/15/06	14,924,663	29,005,613
06/16/06	14,970,702	29,035,706
06/17/06	0	0
06/18/06	0	0
06/19/06	15,112,193	29,045,542
06/20/06	0	0
06/21/06	15,211,545	29,059,892
06/22/06	15,260,000	29,089,685
06/23/06	15,303,740	29,115,895
06/24/06	0	0
06/25/06	0	0
06/26/06	15,450,805	29,200,332
06/27/06	15,495,427	29,225,034
06/28/06	15,545,770	29,252,577
06/29/06	15,591,384	29,261,374
06/30/06	15,640,815	29,272,345
07/01/06	0	0
07/02/06	0	0
07/03/06	15,781,607	29,294,303
07/04/06	0	0
07/05/06	15,877,205	29,302,984
07/06/06	15,920,720	29,327,055
07/07/06	15,971,788	29,340,340
07/08/06	0	0
07/09/06	0	0
07/10/06	16,114,175	29,358,814
07/11/06	16,160,755	29,365,235
07/12/06	16,210,440	29,371,032
07/13/06	16,261,605	29,375,736
07/14/06	16,311,435	29,382,778
07/15/06	16,358,160	29,391,169
07/16/06	0	0
07/17/06	16,463,725	29,394,017
07/18/06	0	0
07/19/06	0	0
07/20/06	16,597,210	29,404,799
07/21/06	16,650,720	29,409,795
07/22/06	0	0
07/23/06	0	0
07/24/06	16,799,423	29,421,232
07/25/06	16,848,843	29,425,124
07/26/06	16,904,250	29,429,877
07/27/06	16,960,238	29,434,761
07/28/06	17,017,602	29,439,309
07/29/06	0	0
07/30/06	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
07/31/06	0	0
08/01/06	17,181,086	29,448,834
08/02/06	0	0
08/03/06	0	0
08/04/06	17,324,620	29,457,955
08/05/06	0	0
08/06/06	0	0
08/07/06	17,465,315	29,459,496
08/08/06	17,515,075	29,463,941
08/09/06	17,563,522	29,469,346
08/10/06	17,612,731	29,474,817
08/11/06	17,661,945	29,479,525
08/12/06	0	0
08/13/06	0	0
08/14/06	17,817,671	29,494,476
08/15/06	17,867,660	29,498,602
08/16/06	17,922,505	29,503,112
08/17/06	17,977,146	29,508,315
08/18/06	18,032,503	29,513,405
08/19/06	0	0
08/20/06	0	0
08/21/06	18,196,795	29,518,734
08/22/06	18,257,185	29,523,792
08/23/06	18,301,049	29,528,283
08/24/06	18,350,842	29,533,642
08/25/06	18,395,055	29,537,045
08/26/06	0	0
08/27/06	0	0
08/28/06	18,542,465	29,577,371
08/29/06	18,587,502	29,580,132
08/30/06	18,636,575	29,595,295
08/31/06	18,687,950	29,610,023
09/01/06	18,733,664	29,614,187
09/02/06	0	0
09/03/06	0	0
09/04/06	0	0
09/05/06	18,963,842	29,635,613
09/06/06	19,015,110	29,635,613
09/07/06	19,072,980	29,635,613
09/08/06	19,101,665	29,635,613
09/09/06	0	0
09/10/06	0	0
09/11/06	19,238,383	29,635,613
09/12/06	19,282,890	29,635,613
09/13/06	19,327,580	29,635,613
09/14/06	19,373,168	29,635,613
09/15/06	19,413,833	29,635,613
09/16/06	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
09/17/06	0	0
09/18/06	19,552,999	29,635,613
09/19/06	19,594,295	29,635,613
09/20/06	19,638,871	29,635,613
09/21/06	19,683,335	29,635,613
09/22/06	19,728,484	29,635,613
09/23/06	0	0
09/24/06	0	0
09/25/06	19,864,605	29,635,613
09/26/06	0	0
09/27/06	19,953,818	29,635,613
09/28/06	19,998,010	29,635,613
09/29/06	20,052,060	29,635,613
09/30/06	0	0
10/01/06	0	0
10/02/06	20,181,780	29,635,613
10/03/06	20,223,995	29,635,613
10/04/06	20,270,140	29,635,613
10/05/06	20,315,511	29,635,613
10/06/06	20,361,383	29,635,613
10/07/06	0	0
10/08/06	0	0
10/09/06	20,501,271	29,635,613
10/10/06	0	0
10/11/06	0	0
10/12/06	20,606,170	29,635,613
10/13/06	20,635,421	29,606,676
10/14/06	0	0
10/15/06	0	0
10/16/06	20,723,885	29,606,641
10/17/06	20,753,307	29,606,541
10/18/06	20,781,854	29,606,541
10/19/06	0	0
10/20/06	0	0
10/21/06	0	0
10/22/06	0	0
10/23/06	20,926,827	29,606,541
10/24/06	20,956,667	29,606,541
10/25/06	20,985,056	29,606,541
10/26/06	21,013,190	29,606,541
10/27/06	0	0
10/28/06	0	0
10/29/06		
10/30/06	21,142,618	29,606,541
10/31/06	21,182,835	29,612,242
11/01/06	21,221,361	29,640,056
11/02/06	21,226,890	29,644,599
11/03/06	21,268,366	29,680,589

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
11/04/06	0	0
11/05/06	0	0
11/06/06	21,397,239	29,781,515
11/07/06	21,441,183	29,814,949
11/08/06	21,483,408	29,847,012
11/09/06	0	0
11/10/06	21,571,378	29,912,446
11/11/06	0	0
11/12/06	0	0
11/13/06	0	0
11/14/06	21,748,958	30,042,701
11/15/06	0	0
11/16/06	0	0
11/17/06	21,874,884	30,135,074
11/18/06	0	0
11/19/06	0	0
11/20/06	22,004,951	30,230,015
11/21/06	22,047,661	30,261,018
11/22/06	22,091,244	30,292,765
11/23/06	0	0
11/24/06	22,181,535	30,357,942
11/25/06	0	0
11/26/06	0	0
11/27/06	22,322,911	30,459,343
11/28/06	22,369,181	30,492,771
11/29/06	22,412,520	30,524,135
11/30/06	22,455,040	30,555,474
12/01/06	22,500,310	30,588,920
12/02/06	22,545,480	30,618,294
12/03/06	0	0
12/04/06	22,636,850	30,618,294
12/05/06	22,684,410	30,618,294
12/06/06	22,728,955	30,618,294
12/07/06	22,774,240	30,618,294
12/08/06	22,820,000	30,618,294
12/09/06	22,866,620	30,618,294
12/10/06	0	0
12/11/06	22,957,650	30,618,294
12/12/06	23,002,830	30,618,294
12/13/06	23,046,430	30,618,294
12/14/06	0	0
12/15/06	23,053,140	30,618,294
12/16/06	23,085,865	30,618,294
12/17/06	0	0
12/18/06	23,169,848	30,618,294
12/19/06	23,212,040	30,618,294
12/20/06	23,252,536	30,654,766
12/21/06	23,296,000	30,716,233

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
12/22/06	23,338,966	30,764,562
12/23/06	23,378,816	30,808,487
12/24/06	0	0
12/25/06	0	0
12/26/06	23,507,912	30,947,554
12/27/06	23,550,265	30,992,957
12/28/06	23,592,718	31,042,120
12/29/06	23,636,410	31,084,456
12/30/06	23,682,060	31,138,172
12/31/06	0	0
01/01/07	0	0
01/02/07	23,824,619	31,309,414
01/03/07	23,872,762	31,367,002
01/04/07	23,919,926	31,422,930
01/05/07	23,966,726	31,478,587
01/06/07	24,013,610	31,534,032
01/07/07	0	0
01/08/07	24,109,416	31,647,395
01/09/07	24,156,756	31,703,158
01/10/07	24,204,926	31,759,513
01/11/07	24,248,226	31,814,863
01/12/07	24,291,930	31,872,261
01/13/07	24,335,726	31,929,376
01/14/07	0	0
01/15/07	24,424,936	32,049,658
01/16/07	24,461,690	32,106,865
01/17/07	24,516,600	32,177,486
01/18/07	24,553,200	32,228,780
01/19/07	24,596,162	32,289,264
01/20/07	24,636,126	32,346,176
01/21/07	0	0
01/22/07	24,721,912	32,466,922
01/23/07	24,770,561	32,531,394
01/24/07	0	0
01/25/07	24,828,956	32,615,000
01/26/07	24,870,813	32,675,106
01/27/07	24,914,986	32,737,026
01/28/07	0	0
01/29/07	25,005,786	32,863,354
01/30/07	25,049,113	32,923,515
01/31/07	25,095,705	32,987,888
02/01/07	25,140,290	33,049,427
02/02/07	25,184,362	33,110,863
02/03/07	25,229,000	33,173,368
02/04/07	0	0
02/05/07	25,317,912	33,297,772
02/06/07	0	0
02/07/07	25,405,212	33,421,256

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
02/08/07	25,449,927	33,484,747
02/09/07	0	0
02/10/07	25,537,035	33,608,584
02/11/07	0	0
02/12/07	0	0
02/13/07	25,667,056	33,793,006
02/14/07	25,711,463	33,856,164
02/15/07	25,754,062	33,916,784
02/16/07	25,798,862	33,980,316
02/17/07	0	0
02/18/07	0	0
02/19/07	25,927,460	34,164,643
02/20/07	25,970,662	34,226,865
02/21/07	26,013,950	34,289,372
02/22/07	0	0
02/23/07	26,100,410	34,414,753
02/24/07	26,142,125	34,475,410
02/25/07	0	0
02/26/07	26,229,036	34,605,340
02/27/07	26,271,406	34,662,695
02/28/07	26,315,436	34,726,213
03/01/07	26,358,106	34,788,002
03/02/07	26,401,160	34,850,353
03/03/07	26,445,555	34,914,348
03/04/07	0	0
03/05/07	26,531,308	35,038,570
03/06/07	26,577,563	35,102,366
03/07/07	26,624,851	35,165,820
03/08/07	26,674,812	35,233,422
03/09/07	26,718,420	35,292,437
03/10/07	0	0
03/11/07	0	0
03/12/07	26,855,481	35,480,358
03/13/07	26,901,656	35,544,152
03/14/07	26,947,439	35,607,596
03/15/07	26,992,816	35,672,186
03/16/07	0	0
03/17/07	27,080,953	35,799,562
03/18/07	0	0
03/19/07	0	0
03/20/07	27,213,010	35,991,155
03/21/07	27,262,416	36,063,141
03/22/07	27,313,462	36,137,002
03/23/07	0	0
03/24/07	0	0
03/25/07	0	0
03/26/07	27,479,465	36,379,092
03/27/07	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
03/28/07	0	0
03/29/07	27,611,614	36,573,631
03/30/07	0	0
03/31/07	0	0
04/01/07	0	0
04/02/07	0	0
04/03/07	0	0
04/04/07	0	0
04/05/07	0	0
04/06/07	0	0
04/07/07	0	0
04/08/07	0	0
04/09/07	27,972,048	37,015,520
04/10/07	28,002,510	37,051,600
04/11/07	28,059,965	37,120,558
04/12/07	28,106,500	37,176,638
04/13/07	28,149,950	37,232,603
04/14/07	0	0
04/15/07	0	0
04/16/07	0	0
04/17/07	0	37,430,506
04/18/07	0	0
04/19/07	28,403,200	37,577,133
04/20/07	28,440,050	37,631,562
04/21/07	0	0
04/22/07	0	0
04/23/07	28,572,600	37,825,710
04/24/07	0	0
04/25/07	0	0
04/26/07	0	0
04/27/07	28,721,620	38,010,385
04/28/07	0	0
04/29/07	0	0
04/30/07	28,829,771	38,149,240
05/01/07	0	0
05/02/07	28,897,655	38,234,652
05/03/07	0	0
05/04/07	0	0
05/05/07	0	0
05/06/07	0	0
05/07/07	0	0
05/08/07	0	0
05/09/07	29,149,655	38,538,702
05/10/07	0	0
05/11/07	0	0
05/12/07	0	0
05/13/07	0	0
05/14/07	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
05/15/07	0	0
05/16/07	0	0
05/17/07	0	0
05/18/07	29,524,465	39,038,783
05/19/07	29,576,370	39,105,308
05/20/07	0	0
05/21/07	0	0
05/22/07	29,738,655	39,137,777
05/23/07	0	0
05/24/07	0	0
05/25/07	0	0
05/26/07	0	0
05/27/07	0	0
05/28/07	0	0
05/29/07	0	0
05/30/07	0	0
05/31/07	0	0
06/01/07	30,219,555	39,544,171
06/02/07	0	0
06/03/07	0	0
06/04/07	0	0
06/05/07	0	0
06/06/07	0	0
06/07/07	0	0
06/08/07	0	0
06/09/07	0	0
06/10/07	0	0
06/11/07	0	0
06/12/07	0	0
06/13/07	30,722,811	40,204,330
06/14/07	0	0
06/15/07	0	0
06/16/07	0	0
06/17/07	0	0
06/18/07	0	0
06/19/07	0	0
06/20/07	31,071,650	40,550,866
06/21/07		
06/22/07	31,170,820	40,686,476
06/23/07	0	0
06/24/07	0	0
06/25/07	0	0
06/26/07	31,363,200	40,893,504
06/27/07	31,418,321	40,912,481
06/28/07	0	0
06/29/07	0	0
06/30/07	0	0
07/01/07	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
07/02/07	31,666,724	41,236,617
07/03/07	0	0
07/04/07	0	0
07/05/07	31,815,126	41,323,171
07/06/07	0	0
07/07/07	0	0
07/08/07	0	0
07/09/07	32,012,234	41,473,096
07/10/07	0	0
07/11/07	0	0
07/12/07	0	0
07/13/07	0	0
07/14/07	0	0
07/15/07	0	0
07/16/07	0	0
07/17/07	0	0
07/18/07	0	0
07/19/07	0	0
07/20/07	0	0
07/21/07	0	0
07/22/07	0	0
07/23/07	0	0
07/24/07	0	0
07/25/07	0	0
07/26/07	0	0
07/27/07	0	0
07/28/07	0	0
07/29/07	0	0
07/30/07	0	0
07/31/07	32,582,100	42,195,219
08/01/07	0	0
08/02/07	0	0
08/03/07	0	0
08/04/07	0	0
08/05/07	0	0
08/06/07	0	0
08/07/07	0	0
08/08/07	0	0
08/09/07	0	0
08/10/07	33,012,965	42,345,806
08/11/07	0	0
08/12/07	0	0
08/13/07	0	0
08/14/07	33,225,965	42,498,561
08/15/07	33,267,725	42,552,000
08/16/07	0	0
08/17/07	0	0
08/18/07	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
08/19/07	0	0
08/20/07	0	0
08/21/07	0	0
08/22/07	0	0
08/23/07	0	0
08/24/07	33,727,310	43,154,170
08/25/07	0	0
08/26/07	0	0
08/27/07	33,871,750	43,235,847
08/28/07	0	0
08/29/07	0	0
08/30/07	34,029,375	43,328,154
08/31/07	0	0
09/01/07	0	0
09/02/07	0	0
09/03/07	0	0
09/04/07	0	0
09/05/07	34,311,530	43,721,280
09/06/07	0	0
09/07/07	0	0
09/08/07	0	0
09/09/07	0	0
09/10/07	0	0
09/11/07	0	0
09/12/07	0	0
09/13/07	0	0
09/14/07	0	0
09/15/07	0	0
09/16/07	0	0
09/17/07	0	0
09/18/07	0	0
09/19/07	0	0
09/20/07	34,998,000	44,395,360
09/21/07	0	0
09/22/07	0	0
09/23/07	0	0
09/24/07	0	0
09/25/07	0	0
09/26/07	35,266,510	44,697,318
09/27/07	0	0
09/28/07	0	0
09/29/07	0	0
09/30/07	0	0
10/01/07	35,482,763	45,019,081
10/02/07	0	0
10/03/07	35,579,262	45,159,934
10/04/07	0	0
10/05/07	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
10/06/07	0	0
10/07/07	0	0
10/08/07	0	0
10/09/07	35,853,745	45,556,755
10/10/07	35,906,128	45,632,823
10/11/07	35,950,323	45,697,879
10/12/07	35,995,170	45,763,799
10/13/07	0	0
10/14/07	0	0
10/15/07	36,117,203	45,969,169
10/16/07	0	0
10/17/07	0	0
10/18/07	36,254,505	46,172,003
10/19/07	36,309,231	46,211,599
10/20/07	0	0
10/21/07	0	0
10/22/07	36,478,898	46,300,727
10/23/07	0	0
10/24/07	0	0
10/25/07	0	0
10/26/07	36,703,139	46,410,255
10/27/07	0	0
10/28/07	0	0
10/29/07	0	0
10/30/07	36,923,515	46,517,493
10/31/07	36,978,190	46,543,679
11/01/07	37,029,345	46,569,441
11/02/07	37,075,097	46,593,189
11/03/07	0	0
11/04/07	0	0
11/05/07	37,228,892	46,673,793
11/06/07	37,279,234	46,699,810
11/07/07	37,333,165	46,727,656
11/08/07	37,379,559	46,751,408
11/09/07	37,428,665	46,776,521
11/10/07	0	0
11/11/07	0	0
11/12/07	0	0
11/13/07	37,623,350	46,876,741
11/14/07	37,671,724	46,901,684
11/15/07	37,719,088	46,925,874
11/16/07	0	0
11/17/07	0	0
11/18/07	0	0
11/19/07	0	0
11/20/07	37,957,546	47,047,171
11/21/07	0	0
11/22/07	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
11/23/07	0	0
11/24/07	0	0
11/25/07	0	0
11/26/07	0	0
11/27/07	0	0
11/28/07	38,334,384	47,235,004
11/29/07	0	0
11/30/07	0	0
12/01/07	0	0
12/02/07	0	0
12/03/07	38,566,465	47,350,500
12/04/07	0	0
12/05/07	38,659,032	47,396,611
12/06/07	0	0
12/07/07	38,751,479	47,442,787
12/08/07	0	0
12/09/07	0	0
12/10/07	38,889,856	47,511,607
12/11/07	0	0
12/12/07	38,966,721	47,551,681
12/13/07	0	0
12/14/07	39,049,630	47,597,052
12/15/07	0	0
12/16/07	0	0
12/17/07	39,180,363	47,669,956
12/18/07	39,223,305	47,692,517
12/19/07	39,264,550	47,715,124
12/20/07	39,307,048	47,738,478
12/21/07	0	0
12/22/07	0	0
12/23/07	0	0
12/24/07	0	0
12/25/07	0	0
12/26/07	0	0
12/27/07	39,617,704	47,899,907
12/28/07	0	0
12/29/07	0	0
12/30/07	0	0
12/31/07	39,782,452	47,990,178
01/01/08	0	0
01/02/08	39,862,480	48,036,807
01/03/08	0	0
01/04/08	39,941,505	48,083,254
01/05/08	0	0
01/06/08	0	0
01/07/08	40,063,775	48,154,241
01/08/08	0	0
01/09/08	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
01/10/08	0	0
01/11/08	0	0
01/12/08	0	0
01/13/08	0	0
01/14/08	0	0
01/15/08	0	0
01/16/08	0	0
01/17/08	0	0
01/18/08	0	0
01/19/08	0	0
01/20/08	0	0
01/21/08	40,728,420	48,479,359
01/22/08	40,783,740	48,502,339
01/23/08	0	0
01/24/08	40,883,896	48,545,434
01/25/08	0	0
01/26/08	0	0
01/27/08	0	0
01/28/08	41,091,240	48,638,636
01/29/08	0	0
01/30/08	41,175,771	48,679,973
01/31/08	41,231,171	48,706,528
02/01/08	0	0
02/02/08	0	0
02/03/08	0	0
02/04/08	0	0
02/05/08	41,461,136	48,827,869
02/06/08	41,497,478	48,847,484
02/07/08	41,532,210	48,866,696
02/08/08	0	0
02/09/08	0	0
02/10/08	0	0
02/11/08	0	0
02/12/08	41,784,609	49,006,144
02/13/08	41,836,384	49,033,971
02/14/08	0	0
02/15/08	41,947,900	49,092,379
02/16/08	0	0
02/17/08	0	0
02/18/08	42,056,071	49,153,785
02/19/08	0	0
02/20/08	0	0
02/21/08	42,168,012	49,216,592
02/22/08	42,208,059	49,239,821
02/23/08	0	0
02/24/08	0	0
02/25/08	0	0
02/26/08	42,248,098	49,265,873

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
02/27/08	0	0
02/28/08	42,354,870	49,336,023
02/29/08	0	0
03/01/08	0	0
03/02/08	0	0
03/03/08	42,520,000	49,444,665
03/04/08	42,559,245	49,469,000
03/05/08	42,600,750	49,494,752
03/06/08	42,644,700	49,522,222
03/07/08	42,689,872	49,550,577
03/08/08	0	0
03/09/08	0	0
03/10/08	42,840,938	49,642,723
03/11/08	42,888,688	49,671,257
03/12/08	42,941,060	49,704,433
03/13/08	0	0
03/14/08	43,047,695	49,769,357
03/15/08	0	0
03/16/08	0	0
03/17/08	43,208,310	49,865,134
03/18/08	43,263,440	49,897,443
03/19/08	43,315,231	49,927,228
03/20/08	43,368,916	49,958,052
03/21/08	43,423,020	49,989,680
03/22/08	0	0
03/23/08	0	0
03/24/08	43,579,491	50,080,118
03/25/08	43,634,060	50,111,611
03/26/08	43,686,920	50,142,040
03/27/08	43,739,383	50,172,299
03/28/08	43,788,064	50,200,612
03/29/08	0	0
03/30/08	0	0
03/31/08	43,943,435	50,291,189
04/01/08	43,993,925	50,320,402
04/02/08	0	0
04/03/08	44,095,224	50,379,174
04/04/08	0	0
04/05/08	0	0
04/06/08	0	0
04/07/08	44,301,179	50,503,323
04/08/08	0	0
04/09/08	0	0
04/10/08	0	0
04/11/08	44,393,750	50,562,195
04/12/08	0	0
04/13/08	0	0
04/14/08	44,535,598	50,656,669

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
04/15/08	0	0
04/16/08	0	0
04/17/08	0	0
04/18/08	0	0
04/19/08	0	0
04/20/08	0	0
04/21/08	44,922,171	50,874,672
04/22/08	44,976,826	50,904,906
04/23/08	45,031,932	50,934,718
04/24/08	45,089,124	50,965,923
04/25/08	45,143,024	50,995,264
04/26/08	0	0
04/27/08	0	0
04/28/08	45,288,049	51,079,880
04/29/08	45,336,640	51,110,365
04/30/08	0	0
05/01/08	45,416,775	51,167,226
05/02/08	45,448,362	51,193,419
05/03/08	0	0
05/04/08	0	0
05/05/08	45,544,676	51,266,556
05/06/08	45,573,366	51,287,019
05/07/08	45,603,373	51,308,265
05/08/08	45,632,539	51,328,525
05/09/08	45,680,245	51,361,439
05/10/08	0	0
05/11/08	0	0
05/12/08	45,804,429	51,449,409
05/13/08	45,848,625	51,480,564
05/14/08	45,888,018	51,507,298
05/15/08	0	0
05/16/08	45,949,563	51,549,018
05/17/08	0	0
05/18/08	0	0
05/19/08	0	0
05/20/08	0	0
05/21/08	46,169,669	51,696,889
05/22/08	46,214,218	51,727,962
05/23/08	46,259,791	51,758,851
05/24/08	0	0
05/25/08	0	0
05/26/08	0	0
05/27/08	46,386,948	51,847,172
05/28/08	46,431,838	51,878,515
05/29/08	0	0
05/30/08	0	0
05/31/08	0	0
06/01/08	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
06/02/08	0	0
06/03/08	0	0
06/04/08	0	0
06/05/08	46,670,988	52,043,267
06/06/08	46,715,971	52,074,144
06/07/08	0	0
06/08/08	0	0
06/09/08	0	0
06/10/08	0	0
06/11/08	0	0
06/12/08	46,954,745	52,239,502
06/13/08	46,996,285	52,268,784
06/14/08	0	0
06/15/08	0	0
06/16/08	0	0
06/17/08	47,162,960	52,387,906
06/18/08	0	0
06/19/08	47,236,015	52,440,174
06/20/08	47,278,880	52,471,964
06/21/08	0	0
06/22/08	0	0
06/23/08	47,392,750	52,554,346
06/24/08	47,424,850	52,577,904
06/25/08	0	0
06/26/08	0	0
06/27/08	0	0
06/28/08	0	0
06/29/08	0	0
06/30/08	0	0
07/01/08	47,624,478	52,725,770
07/02/08	47,663,422	52,754,220
07/03/08	0	0
07/04/08	0	0
07/05/08	0	0
07/06/08	0	0
07/07/08	47,802,944	52,853,853
07/08/08	47,843,155	52,886,607
07/09/08	47,886,990	52,921,571
07/10/08	0	0
07/11/08	0	0
07/12/08	0	0
07/13/08	0	0
07/14/08	0	0
07/15/08	0	0
07/16/08	0	0
07/17/08	48,158,641	53,143,145
07/18/08	48,178,720	53,157,907
07/19/08	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
07/20/08	0	0
07/21/08	48,297,640	53,241,875
07/22/08	48,334,630	53,267,608
07/23/08	48,362,070	53,286,845
07/24/08	48,391,310	53,307,345
07/25/08	48,424,350	53,330,740
07/26/08	0	0
07/27/08	0	0
07/28/08	48,523,779	53,402,213
07/29/08	48,548,390	53,420,547
07/30/08	48,574,580	53,439,253
07/31/08	48,608,650	53,463,373
08/01/08	48,639,850	53,485,565
08/02/08	0	0
08/03/08	0	0
08/04/08	48,715,220	53,538,999
08/05/08	48,752,540	53,565,699
08/06/08	48,803,940	53,601,878
08/07/08	48,839,360	53,627,495
08/08/08	0	0
08/09/08	0	0
08/10/08	0	0
08/11/08	49,015,670	53,756,495
08/12/08	49,053,440	53,783,575
08/13/08	0	0
08/14/08	49,139,450	53,846,400
08/15/08	49,176,310	53,873,441
08/16/08	0	0
08/17/08	0	0
08/18/08	49,298,970	53,963,819
08/19/08	49,338,030	53,993,122
08/20/08	49,374,980	54,020,867
08/21/08	49,445,730	54,051,072
08/22/08	0	0
08/23/08	0	0
08/24/08	0	0
08/25/08	49,580,922	54,172,193
08/26/08	49,622,388	54,201,922
08/27/08	49,662,845	54,230,833
08/28/08	49,703,080	54,260,443
08/29/08	0	0
08/30/08	0	0
08/31/08	0	0
09/01/08	0	0
09/02/08	0	0
09/03/08	49,924,100	54,424,000
09/04/08	0	0
09/05/08	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
09/06/08	0	0
09/07/08	0	0
09/08/08	50,109,940	54,563,024
09/09/08	50,140,971	54,586,372
09/10/08	0	0
09/11/08	0	0
09/12/08	0	0
09/13/08	0	0
09/14/08	50,411,965	54,787,601
09/15/08	0	0
09/16/08	0	0
09/17/08	0	0
09/18/08	50,522,709	54,873,976
09/19/08	50,556,054	54,899,289
09/20/08	0	0
09/21/08	0	0
09/22/08	50,666,380	54,987,777
09/23/08	50,696,923	55,013,073
09/24/08	50,737,054	55,044,657
09/25/08	0	0
09/26/08	50,820,480	55,109,512
09/27/08	0	0
09/28/08	0	0
09/29/08	0	0
09/30/08	50,979,952	55,235,240
10/01/08	51,019,301	55,266,735
10/02/08	51,061,450	55,298,754
10/03/08	0	0
10/04/08	0	0
10/05/08	0	0
10/06/08	0	0
10/07/08	0	0
10/08/08	51,284,432	55,477,792
10/09/08	0	0
10/10/08	51,357,959	55,536,793
10/11/08	0	0
10/12/08	0	0
10/13/08	51,464,848	55,619,411
10/14/08	0	0
10/15/08	0	0
10/16/08	0	0
10/17/08	0	0
10/18/08	0	0
10/19/08	0	0
10/20/08	0	0
10/21/08	51,698,625	55,798,174
10/22/08	0	0
10/23/08	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
10/24/08	0	0
10/25/08	0	0
10/26/08	0	0
10/27/08	0	0
10/28/08	0	0
10/29/08	0	0
10/30/08	0	0
10/31/08	0	0
11/01/08	0	0
11/02/08	0	0
11/03/08	0	0
11/04/08	0	0
11/05/08	0	0
11/06/08	0	0
11/07/08	0	0
11/08/08	0	0
11/09/08	0	0
11/10/08	0	0
11/11/08	0	0
11/12/08	0	0
11/13/08	0	0
11/14/08	0	0
11/15/08	0	0
11/16/08	0	0
11/17/08	0	0
11/18/08	52,304,142	56,358,460
11/19/08	52,333,775	56,386,912
11/20/08	0	0
11/21/08	52,404,350	56,453,233
11/22/08	0	0
11/23/08	0	0
11/24/08	52,508,800	56,548,757
11/25/08	52,543,752	56,579,922
11/26/08	52,579,445	56,611,460
11/27/08	0	0
11/28/08	52,649,635	56,673,137
11/29/08	0	0
11/30/08	0	0
12/01/08	0	0
12/02/08	52,785,385	56,789,927
12/03/08	0	0
12/04/08	52,851,905	56,847,354
12/05/08	52,885,368	56,876,342
12/06/08	0	0
12/07/08	0	0
12/08/08	52,987,820	56,965,236
12/09/08	53,019,880	56,993,072
12/10/08	53,052,490	57,024,441

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
12/11/08	53,084,550	57,056,368
12/12/08	0	0
12/13/08	0	0
12/14/08	0	0
12/15/08	53,210,780	57,176,904
12/16/08	53,239,155	57,203,794
12/17/08	0	0
12/18/08	0	0
12/19/08	0	0
12/20/08	0	0
12/21/08	0	0
12/22/08	0	0
12/23/08	53,457,370	57,405,439
12/24/08	53,488,480	57,433,635
12/25/08	0	0
12/26/08	0	0
12/27/08	0	0
12/28/08	0	0
12/29/08	53,642,615	57,573,182
12/30/08	53,675,070	57,602,699
12/31/08	0	0
01/01/09	0	0
01/02/09	53,769,505	57,692,839
01/03/09	0	0
01/04/09	0	0
01/05/09	0	0
01/06/09	0	0
01/07/09	0	0
01/08/09	0	0
01/09/09	0	0
01/10/09	0	0
01/11/09	0	0
01/12/09	0	0
01/13/09	0	0
01/14/09	0	0
01/15/09	0	0
01/16/09	54,174,350	58,132,115
01/17/09	0	0
01/18/09	0	0
01/19/09	54,299,365	58,219,364
01/20/09	54,339,260	58,245,481
01/21/09	54,382,301	58,273,556
01/22/09	54,417,690	58,295,652
01/23/09	54,465,240	58,325,828
01/24/09	0	0
01/25/09	0	0
01/26/09	54,583,250	58,397,573
01/27/09	54,625,420	58,422,145

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
01/28/09	54,667,200	58,445,771
01/29/09	54,707,565	58,468,398
01/30/09	54,750,150	58,491,562
01/31/09	0	0
02/01/09	0	0
02/02/09	54,872,723	58,552,202
02/03/09	54,914,133	58,571,426
02/04/09	54,955,726	58,590,301
02/05/09	54,995,885	58,607,727
02/06/09	55,037,663	58,624,182
02/07/09	0	0
02/08/09	0	0
02/09/09	55,158,713	58,660,865
02/10/09	0	0
02/11/09	55,241,030	58,667,509
02/12/09	55,280,942	58,667,509
02/13/09	55,323,585	58,667,509
02/14/09	0	0
02/15/09	0	0
02/16/09	55,447,175	58,667,509
02/17/09	0	0
02/18/09	55,531,990	58,667,509
02/19/09	55,564,010	58,667,509
02/20/09	55,600,090	58,667,509
02/21/09	0	0
02/22/09	0	0
02/23/09	55,707,865	58,667,509
02/24/09	55,748,795	58,667,509
02/25/09	0	0
02/26/09	55,801,325	58,667,508
02/27/09	55,835,875	58,667,508
02/28/09	0	0
03/01/09	0	0
03/02/09	55,933,100	58,667,508
03/03/09	55,966,295	58,667,508
03/04/09	55,998,345	58,667,508
03/05/09	56,030,985	58,667,508
03/06/09	56,070,521	58,667,508
03/07/09	0	0
03/08/09	0	0
03/09/09	56,167,625	58,667,508
03/10/09	56,195,419	58,667,508
03/11/09	56,230,105	58,667,508
03/12/09	56,263,084	58,667,508
03/13/09	56,304,929	58,667,508
03/14/09	56,334,493	58,667,508
03/15/09	0	0
03/16/09	56,399,543	58,667,508

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
03/17/09	56,434,811	58,667,508
03/18/09	56,468,462	58,667,508
03/19/09	56,502,785	58,667,508
03/20/09	56,538,025	58,667,187
03/21/09	56,574,055	58,667,936
03/22/09	0	0
03/23/09	56,639,305	58,666,784
03/24/09	56,674,504	58,666,794
03/25/09	56,708,235	58,666,794
03/26/09	56,741,077	58,692,357
03/27/09	56,775,830	58,730,581
03/28/09	56,810,703	58,769,113
03/29/09	0	0
03/30/09	56,877,670	58,847,181
03/31/09	56,916,110	58,889,131
04/01/09	56,950,218	58,925,855
04/02/09	56,989,320	58,967,424
04/03/09	57,021,968	59,002,453
04/04/09	57,058,457	59,045,717
04/05/09	0	0
04/06/09	57,128,131	59,130,476
04/07/09	57,162,715	59,173,164
04/08/09	57,198,140	59,217,554
04/09/09	57,233,605	59,262,391
04/10/09	57,266,620	59,305,447
04/11/09	0	0
04/12/09	0	0
04/13/09	57,367,976	59,436,942
04/14/09	57,400,372	59,481,961
04/15/09	57,439,047	59,523,294
04/16/09	57,479,161	59,574,896
04/17/09	57,522,015	59,634,185
04/18/09	57,557,637	59,685,675
04/19/09	0	0
04/20/09	57,631,867	59,795,784
04/21/09	57,670,957	59,856,877
04/22/09	57,709,543	59,917,233
04/23/09	57,750,524	59,976,493
04/24/09	57,791,067	60,034,954
04/25/09	57,833,322	60,094,433
04/26/09	0	0
04/27/09	57,914,217	60,212,982
04/28/09	57,955,043	60,272,744
04/29/09	57,995,166	60,333,695
04/30/09	58,037,920	60,399,584
05/01/09	58,077,605	60,461,341
05/02/09	0	0
05/03/09	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
05/04/09	58,196,406	60,643,472
05/05/09	58,236,367	60,703,156
05/06/09	58,276,193	60,762,283
05/07/09	58,317,559	60,823,907
05/08/09	0	0
05/09/09	58,394,429	60,939,984
05/10/09	0	0
05/11/09	58,471,462	61,058,492
05/12/09	58,509,556	61,118,042
05/13/09	58,547,329	61,177,613
05/14/09	58,587,133	61,239,336
05/15/09	58,620,615	61,307,436
05/16/09	58,663,653	61,359,012
05/17/09	0	0
05/18/09	58,730,835	61,481,575
05/19/09	58,778,863	61,541,803
05/20/09	58,818,422	61,605,799
05/21/09	58,853,393	61,662,931
05/22/09	0	0
05/23/09	58,930,047	61,791,373
05/24/09	0	0
05/25/09	0	0
05/26/09	59,040,701	61,943,306
05/27/09	59,060,108	62,018,323
05/28/09	59,079,073	62,105,482
05/29/09	59,096,817	62,190,947
05/30/09	0	0
05/31/09	0	0
06/01/09	59,150,841	62,333,343
06/02/09	59,167,760	62,430,723
06/03/09	59,186,385	62,539,988
06/04/09	59,200,010	62,618,741
06/05/09	59,216,793	62,714,488
06/06/09	59,235,063	62,818,936
06/07/09	0	0
06/08/09	59,268,024	63,013,311
06/09/09	0	0
06/10/09	59,296,506	63,196,372
06/11/09	59,312,945	63,295,003
06/12/09	59,327,642	63,386,768
06/13/09	0	0
06/14/09	0	0
06/15/09	59,373,921	63,679,762
06/16/09	59,413,148	63,764,178
06/17/09	59,451,045	63,825,356
06/18/09	59,491,807	63,883,578
06/19/09	59,528,276	63,933,943
06/20/09	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
06/21/09	0	0
06/22/09	59,643,777	64,095,947
06/23/09	59,694,227	64,167,761
06/24/09	59,710,233	64,205,368
06/25/09	59,756,803	64,258,955
06/26/09	59,793,946	64,312,347
06/27/09	59,832,046	64,367,866
06/28/09	0	0
06/29/09	59,905,835	64,475,983
06/30/09	59,947,875	64,525,804
07/01/09	59,980,693	64,564,902
07/02/09	60,017,657	64,608,437
07/03/09	0	0
07/04/09	0	0
07/05/09	0	0
07/06/09	60,164,974	64,773,229
07/07/09	60,201,047	64,813,853
07/08/09	60,239,490	64,856,462
07/09/09	0	0
07/10/09	0	0
07/11/09	0	0
07/12/09	0	0
07/13/09	60,439,253	65,078,001
07/14/09	60,477,808	65,121,035
07/15/09	60,510,921	65,169,222
07/16/09	60,550,315	65,213,345
07/17/09	60,598,280	65,256,298
07/18/09	60,633,068	65,295,346
07/19/09	0	0
07/20/09	60,714,083	65,387,223
07/21/09	60,749,183	65,427,990
07/22/09	60,787,243	65,470,139
07/23/09	60,829,722	65,518,235
07/24/09	60,866,672	65,560,196
07/25/09	60,902,327	65,600,546
07/26/09	0	0
07/27/09	60,979,833	65,688,694
07/28/09	61,018,472	65,731,773
07/29/09	61,086,001	65,811,128
07/30/09	61,117,152	65,849,702
07/31/09	0	0
08/01/09	0	0
08/02/09	0	0
08/03/09	0	0
08/04/09	0	0
08/05/09	61,272,930	66,038,848
08/06/09	61,312,361	66,086,607
08/07/09	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
08/08/09	0	0
08/09/09	0	0
08/10/09	0	0
08/11/09	0	0
08/12/09	0	0
08/13/09	0	0
08/14/09	0	0
08/15/09	0	0
08/16/09	0	0
08/17/09	0	0
08/18/09	0	0
08/19/09	0	0
08/20/09	0	0
08/21/09	61,683,977	66,413,434
08/22/09	0	0
08/23/09	0	0
08/24/09	61,859,591	66,548,841
08/25/09	61,925,992	66,599,792
08/26/09	61,976,161	66,638,361
08/27/09	62,039,181	66,682,868
08/28/09	62,110,525	66,731,450
08/29/09	0	0
08/30/09	0	0
08/31/09	62,297,637	66,857,133
09/01/09	0	0
09/02/09	62,434,964	66,947,559
09/03/09	62,498,295	66,989,152
09/04/09	0	0
09/05/09	0	0
09/06/09	0	0
09/07/09	0	0
09/08/09	0	0
09/09/09	62,900,014	67,252,907
09/10/09	62,967,564	67,296,721
09/11/09	63,037,055	67,341,780
09/12/09	0	0
09/13/09	0	0
09/14/09	63,231,057	67,466,558
09/15/09	63,299,468	67,510,335
09/16/09	63,367,064	67,553,612
09/17/09	63,438,651	67,600,056
09/18/09	63,493,307	67,639,746
09/19/09	0	0
09/20/09	0	0
09/21/09	63,672,914	67,768,633
09/22/09	63,733,255	67,811,463
09/23/09	63,794,594	67,854,732
09/24/09	63,848,903	67,893,238

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
09/25/09	63,909,424	67,936,052
09/26/09	0	0
09/27/09	0	0
09/28/09	64,089,411	68,062,442
09/29/09	64,151,907	68,106,211
09/30/09	64,210,733	68,147,455
10/01/09	0	0
10/02/09	0	0
10/03/09	0	0
10/04/09	0	0
10/05/09	64,466,278	68,353,944
10/06/09	64,516,852	68,394,276
10/07/09	64,570,635	68,436,529
10/08/09	64,626,863	68,480,731
10/09/09	64,681,243	68,523,553
10/10/09	0	0
10/11/09	0	0
10/12/09	64,849,712	68,655,657
10/13/09	64,905,372	68,698,465
10/14/09	64,967,291	68,742,537
10/15/09	65,033,391	68,794,142
10/16/09	65,082,181	68,832,447
10/17/09	0	0
10/18/09	0	0
10/19/09	65,250,165	68,964,667
10/20/09	65,306,168	69,008,907
10/21/09	65,368,651	69,058,322
10/22/09	65,423,816	69,101,636
10/23/09	65,478,491	69,144,511
10/24/09	0	0
10/25/09	0	0
10/26/09	65,648,023	69,277,878
10/27/09	65,713,506	69,329,583
10/28/09	65,765,735	69,370,718
10/29/09	65,818,735	69,412,457
10/30/09	65,875,167	69,457,043
10/31/09	0	0
11/01/09	0	0
11/02/09	66,044,816	69,592,582
11/03/09	66,090,071	69,632,458
11/04/09	66,142,654	69,677,017
11/05/09	66,194,295	69,719,493
11/06/09	0	0
11/07/09	0	0
11/08/09	0	0
11/09/09	66,410,643	69,898,703
11/10/09	66,465,863	69,943,942
11/11/09	66,519,441	69,987,888

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
11/12/09	66,573,791	70,082,458
11/13/09	0	0
11/14/09	0	0
11/15/09	0	0
11/16/09	66,789,450	70,209,711
11/17/09	66,843,591	70,254,121
11/18/09	66,896,587	70,297,646
11/19/09	66,949,481	70,341,060
11/20/09	0	0
11/21/09	0	0
11/22/09	0	0
11/23/09	67,163,391	70,513,852
11/24/09	0	0
11/25/09	0	0
11/26/09	0	0
11/27/09	0	0
11/28/09	0	0
11/29/09	0	0
11/30/09	67,558,333	70,814,914
12/01/09	67,609,947	70,854,430
12/02/09	67,667,280	70,891,910
12/03/09	67,689,543	70,906,661
12/04/09	0	0
12/05/09	0	0
12/06/09	0	0
12/07/09	0	0
12/08/09	0	0
12/09/09	0	0
12/10/09	0	0
12/11/09	0	0
12/12/09	0	0
12/13/09	0	0
12/14/09	0	0
12/15/09	0	0
12/16/09	68,052,542	71,089,111
12/17/09	0	0
12/18/09	68,179,525	71,160,312
12/19/09	0	0
12/20/09	0	0
12/21/09	0	0
12/22/09	0	0
12/23/09	0	0
12/24/09	68,554,015	71,385,195
12/25/09	0	0
12/26/09	0	0
12/27/09	0	0
12/28/09	68,799,850	71,555,504
12/29/09	68,859,317	71,596,530

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
12/30/09	68,923,730	71,640,447
12/31/09	0	0
01/01/10	0	0
01/02/10	0	0
01/03/10	0	0
01/04/10	69,217,840	71,840,184
01/05/10	69,276,355	71,883,342
01/06/10	69,334,000	71,925,104
01/07/10	69,387,075	71,963,532
01/08/10	69,441,844	72,003,642
01/09/10	0	0
01/10/10	0	0
01/11/10	0	0
01/12/10	69,655,971	72,161,354
01/13/10	69,713,467	72,205,735
01/14/10	69,758,404	72,243,568
01/15/10	69,808,212	72,285,344
01/16/10	0	0
01/17/10	0	0
01/18/10	69,959,023	72,409,388
01/19/10	0	0
01/20/10	70,058,475	72,493,330
01/21/10	70,105,030	72,532,892
01/22/10	70,167,934	72,583,091
01/23/10	0	0
01/24/10	0	0
01/25/10	70,314,706	72,701,204
01/26/10	70,367,893	72,743,892
01/27/10	70,421,822	72,787,187
01/28/10	70,480,452	72,834,421
01/29/10	70,522,607	72,868,943
01/30/10	0	0
01/31/10	0	0
02/01/10	70,683,936	72,993,064
02/02/10	70,739,447	73,035,605
02/03/10	70,800,635	73,082,412
02/04/10	70,852,520	73,122,165
02/05/10	0	0
02/06/10	0	0
02/07/10	0	0
02/08/10	71,040,407	73,286,495
02/09/10	71,085,213	73,328,076
02/10/10	0	0
02/11/10	71,181,440	73,417,311
02/12/10	71,221,877	73,454,810
02/13/10	0	0
02/14/10	0	0
02/15/10	71,354,636	73,578,178

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
02/16/10	71,404,507	73,624,699
02/17/10	71,447,045	73,664,462
02/18/10	71,492,445	73,706,757
02/19/10	0	0
02/20/10	0	0
02/21/10	0	0
02/22/10	71,667,903	73,869,662
02/23/10	0	0
02/24/10	71,750,842	73,941,265
02/25/10	71,791,395	73,971,848
02/26/10	0	0
02/27/10	0	0
02/28/10	0	0
03/01/10	71,827,505	73,991,537
03/02/10	71,872,040	74,022,674
03/03/10	71,928,035	74,062,950
03/04/10	71,993,796	74,110,463
03/05/10	72,035,836	74,141,134
03/06/10	0	0
03/07/10	0	0
03/08/10	72,200,338	74,272,020
03/09/10	72,255,504	74,315,457
03/10/10	72,303,565	74,355,625
03/11/10	72,357,530	74,400,660
03/12/10	72,411,882	74,445,775
03/13/10	0	0
03/14/10	0	0
03/15/10	72,572,956	74,575,978
03/16/10	72,628,451	74,618,166
03/17/10	72,681,705	74,659,413
03/18/10	72,738,840	74,703,930
03/19/10	72,793,281	74,746,524
03/20/10	0	0
03/21/10	0	0
03/22/10	72,951,915	74,870,806
03/23/10	73,002,325	74,910,362
03/24/10	73,061,042	74,956,061
03/25/10	73,110,753	74,994,893
03/26/10	73,159,272	75,032,530
03/27/10	0	0
03/28/10	0	0
03/29/10	73,319,474	75,156,121
03/30/10	73,381,419	75,203,789
03/31/10	73,423,495	75,236,263
04/01/10	73,481,335	75,281,092
04/02/10	73,528,734	75,317,877
04/03/10	0	0
04/04/10	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
04/05/10	0	0
04/06/10	73,736,257	75,480,273
04/07/10	73,792,475	75,524,111
04/08/10	0	0
04/09/10	73,895,053	75,604,571
04/10/10	0	0
04/11/10	0	0
04/12/10	0	0
04/13/10	0	0
04/14/10	0	0
04/15/10	0	0
04/16/10	0	0
04/17/10	0	0
04/18/10	0	0
04/19/10	0	0
04/20/10	74,409,795	75,986,373
04/21/10	0	0
04/22/10	74,525,341	76,075,807
04/23/10	74,580,510	76,118,951
04/24/10	0	0
04/25/10	0	0
04/26/10	74,755,561	76,250,858
04/27/10	74,810,567	76,292,847
04/28/10	74,866,394	76,337,264
04/29/10	74,919,532	76,379,939
04/30/10	0	0
05/01/10	0	0
05/02/10	0	0
05/03/10	75,061,658	76,559,374
05/04/10	75,155,636	76,652,178
05/05/10	0	0
05/06/10	75,197,507	76,693,663
05/07/10	75,243,142	76,739,084
05/08/10	0	0
05/09/10	0	0
05/10/10	75,372,861	76,867,468
05/11/10	0	0
05/12/10	75,457,317	76,950,454
05/13/10	75,497,649	76,992,967
05/14/10	75,536,528	77,040,564
05/15/10	0	0
05/16/10	0	0
05/17/10	75,633,747	77,161,893
05/18/10	75,667,737	77,204,004
05/19/10	75,701,724	77,246,024
05/20/10	75,735,084	77,287,328
05/21/10	75,768,627	77,328,701
05/22/10	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
05/23/10	0	0
05/24/10	75,871,337	77,455,696
05/25/10	75,904,734	77,496,032
05/26/10	0	0
05/27/10	76,011,084	77,621,697
05/28/10	0	0
05/29/10	0	0
05/30/10	0	0
05/31/10	0	0
06/01/10	76,169,705	77,788,322
06/02/10	76,211,034	77,831,744
06/03/10	76,249,543	77,871,257
06/04/10	76,290,730	77,913,935
06/05/10	0	0
06/06/10	0	0
06/07/10	76,412,997	78,039,311
06/08/10	0	0
06/09/10	76,500,527	78,127,243
06/10/10	0	0
06/11/10	76,579,505	78,203,384
06/12/10	0	0
06/13/10	0	0
06/14/10	76,720,887	78,334,253
06/15/10	76,765,531	78,375,467
06/16/10	76,812,428	78,419,148
06/17/10	76,866,542	78,469,407
06/18/10	76,912,970	78,512,467
06/19/10	0	0
06/20/10	0	0
06/21/10	77,023,454	78,650,787
06/22/10	77,074,360	78,698,003
06/23/10	77,121,044	78,741,329
06/24/10	77,170,190	78,786,804
06/25/10	77,219,615	78,832,782
06/26/10	0	0
06/27/10	0	0
06/28/10	77,368,085	78,970,184
06/29/10	77,377,367	79,013,237
06/30/10	77,425,789	79,058,208
07/01/10	77,474,705	79,103,581
07/02/10	77,522,815	79,147,831
07/03/10	0	0
07/04/10	0	0
07/05/10	0	0
07/06/10	0	0
07/07/10	77,692,980	79,373,478
07/08/10	77,747,690	79,423,685
07/09/10	77,789,447	79,462,064

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
07/10/10	0	0
07/11/10	0	0
07/12/10	77,939,920	79,600,602
07/13/10	77,990,595	79,644,658
07/14/10	0	0
07/15/10	0	0
07/16/10	0	0
07/17/10	0	0
07/18/10	0	0
07/19/10	0	0
07/20/10	0	0
07/21/10	0	0
07/22/10	0	0
07/23/10	0	0
07/24/10	0	0
07/25/10	0	0
07/26/10	0	0
07/27/10	0	0
07/28/10	0	0
07/29/10	0	0
07/30/10	0	0
07/31/10	0	0
08/01/10	0	0
08/02/10	0	0
08/03/10	0	0
08/04/10	0	0
08/05/10	0	0
08/06/10	0	0
08/07/10	0	0
08/08/10	0	0
08/09/10	0	0
08/10/10	0	0
08/11/10	0	0
08/12/10	0	0
08/13/10	0	0
08/14/10	0	0
08/15/10	0	0
08/16/10	0	0
08/17/10	0	0
08/18/10	0	0
08/19/10	0	0
08/20/10	0	0
08/21/10	0	0
08/22/10	0	0
08/23/10	0	0
08/24/10	0	0
08/25/10	0	0
08/26/10	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 / DM-2 Totalizer	DM-11 Totalizer
08/27/10	0	0
08/28/10	0	0
08/29/10	0	0
08/30/10	0	0
08/31/10	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
09/01/10	0	0	0
09/02/10	0	0	0
09/03/10	0	0	0
09/04/10	0	0	0
09/05/10	0	0	0
09/06/10	0	0	0
09/07/10	0	0	0
09/08/10	0	0	0
09/09/10	0	0	0
09/10/10	0	0	0
09/11/10	0	0	0
09/12/10	0	0	0
09/13/10	353,110	385,221	0
09/14/10	353,245	385,110	0
09/15/10	388,345	425,671	0
09/16/10	0	434,611	24,931
09/17/10	418,719	434,611	43,353
09/18/10	0	0	0
09/19/10	0	0	0
09/20/10	487,564	0	171,181
09/21/10	511,919	457,836	213,067
09/22/10	0	0	0
09/23/10	587,681	521,140	297,389
09/24/10	581,466	554,728	340,935
09/25/10	0	0	0
09/26/10	0	0	0
09/27/10	653,508	651,912	465,892
09/28/10	678,911	683,300	506,018
09/29/10	685,079	718,324	541,067
09/30/10	0	741,335	562,009
10/01/10	0	781,818	597,579
10/02/10	0	0	0
10/03/10	0	0	0
10/04/10	685,078	872,647	684,588
10/05/10	685,078	899,045	711,554
10/06/10	685,078	935,479	747,433
10/07/10	685,078	965,902	778,534
10/08/10	685,078	1,002,512	818,577
10/09/10	0	0	0
10/10/10	0	0	0
10/11/10	685,078	1,102,038	926,533
10/12/10	686,021	1,135,875	959,142
10/13/10	706,871	1,165,646	959,142
10/14/10	727,592	1,197,457	959,142
10/15/10	751,948	1,234,814	959,142
10/16/10	0	0	0
10/17/10	0	0	0
10/18/10	817,387	1,330,554	959,142
10/19/10	0	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
10/20/10	861,192	1,395,724	959,142
10/21/10	884,824	1,428,985	959,142
10/22/10	904,128	1,459,721	961,592
10/23/10	0	0	0
10/24/10	0	0	0
10/25/10	904,128	1,557,744	1,063,650
10/26/10	0	0	0
10/27/10	906,313	1,624,499	1,133,467
10/28/10	927,781	1,644,212	1,153,931
10/29/10	950,280	1,664,372	1,171,866
10/30/10	0	0	0
10/31/10	0	0	0
11/01/10	1,018,695	1,725,027	1,227,307
11/02/10	1,040,515	1,745,654	1,245,364
11/03/10	1,063,752	1,765,382	1,265,824
11/04/10	1,086,808	1,785,552	1,283,527
11/05/10	1,111,746	1,807,222	1,302,745
11/06/10	0	0	0
11/07/10	0	0	0
11/08/10	1,182,041	1,869,051	1,357,972
11/09/10	1,204,245	1,888,260	1,374,762
11/10/10	1,229,345	1,910,939	1,392,622
11/11/10	1,251,298	1,929,832	1,409,246
11/12/10	1,274,816	1,949,035	1,427,327
11/13/10	0	0	0
11/14/10	0	0	0
11/15/10	1,348,317	2,011,725	1,481,735
11/16/10	1,373,782	2,031,847	1,498,873
11/17/10	1,397,056	2,058,222	1,515,175
11/18/10	0	0	0
11/19/10	1,447,722	2,116,118	1,547,478
11/20/10	0	0	0
11/21/10	0	0	0
11/22/10	1,525,375	2,207,588	1,599,112
11/23/10	1,549,563	2,234,249	1,631,948
11/24/10	1,577,563	2,266,489	1,671,489
11/25/10	0	0	0
11/26/10	0	0	0
11/27/10	0	0	0
11/28/10	0	0	0
11/29/10	1,703,204	2,411,408	1,853,267
11/30/10	1,728,869	2,436,220	1,868,544
12/01/10	1,751,401	2,460,955	1,881,281
12/02/10	1,778,825	2,486,752	1,894,065
12/03/10	1,808,395	2,516,010	1,909,980
12/06/10	1,879,141	2,587,577	1,944,745
12/07/10	1,904,312	2,614,700	1,957,573
12/08/10	1,928,453	2,639,945	1,970,188

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
12/09/10	1,953,885	2,665,756	1,983,672
12/10/10	0	0	0
12/11/10	0	0	0
12/13/10	2,048,003	2,767,973	2,039,403
12/14/10	2,077,411	2,799,171	2,056,718
12/15/10	0	0	0
12/16/10	0	0	0
12/17/10	0	0	0
12/18/10	0	0	0
12/19/10	0	0	0
12/20/10	2,171,906	2,890,028	2,102,511
12/21/10	2,199,298	2,919,912	2,125,503
12/22/10	2,230,687	2,951,029	2,154,218
12/23/10	0	0	0
12/24/10	0	0	0
12/25/10	0	0	0
12/26/10	0	0	0
12/27/10	0	0	0
12/28/10	2,411,335	3,128,270	2,310,784
12/29/10	0	0	0
12/30/10	0	0	0
12/31/10	2,502,980	3,215,467	2,385,981
01/01/11	0	0	0
01/02/11	0	0	0
01/03/11	2,596,360	3,303,099	2,461,830
01/04/11	2,627,568	3,332,018	2,485,625
01/05/11	2,663,612	3,365,410	2,514,876
01/06/11	2,691,194	3,391,158	2,535,341
01/07/11	2,723,155	3,420,247	2,559,487
01/08/11	0	0	0
01/09/11	0	0	0
01/10/11	2,819,331	3,508,357	2,630,672
01/11/11	2,850,953	3,537,015	2,654,566
01/12/11	2,885,904	3,570,763	2,681,349
01/13/11	0	0	0
01/14/11	0	0	0
01/15/11	0	0	0
01/16/11	0	0	0
01/17/11	0	0	0
01/18/11	3,075,575	3,751,638	2,827,785
01/19/11	3,096,081	3,772,068	2,843,271
01/20/11	3,131,370	3,807,588	2,870,935
01/21/11	0	0	0
01/22/11	0	0	0
01/23/11	0	0	0
01/24/11	3,235,688	3,918,343	2,955,291
01/25/11	0	0	0
01/26/11	3,284,043	3,976,608	3,000,340

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
01/27/11	3,309,116	4,009,991	3,024,515
01/28/11	0	0	0
01/29/11	0	0	0
01/30/11	0	0	0
01/31/11	3,388,339	4,124,025	3,110,087
02/01/11	3,405,248	4,152,311	3,131,505
02/02/11	0	0	0
02/03/11	3,438,392	4,211,209	3,176,906
02/04/11	3,453,874	4,241,434	3,197,835
02/05/11	0	0	0
02/06/11	0	0	0
02/07/11	3,491,452	4,336,105	3,267,844
02/08/11	3,498,812	4,358,598	3,283,930
02/09/11	3,521,463	4,388,961	3,313,028
02/10/11	3,548,397	4,418,664	3,338,434
02/11/11	3,575,209	4,447,367	3,363,311
02/12/11	0	0	0
02/13/11	0	0	0
02/14/11	3,655,996	4,535,238	3,437,452
02/15/11	3,681,165	4,564,171	3,460,954
02/16/11	3,708,485	4,594,351	3,485,283
02/17/11	3,734,329	4,623,807	3,509,948
02/18/11	3,755,036	4,654,121	3,535,342
02/19/11	0	0	0
02/20/11	0	0	0
02/21/11	3,775,073	4,687,604	3,562,412
02/22/11	3,775,073	4,714,738	3,565,207
02/23/11	3,797,599	4,743,102	3,565,417
02/24/11	3,818,641	4,773,012	3,567,233
02/25/11	3,840,117	4,802,444	3,571,282
02/26/11	0	0	0
02/27/11	0	0	0
02/28/11	0	0	0
03/01/11	3,860,836	4,833,610	3,614,551
03/02/11	3,875,560	4,851,192	3,641,658
03/03/11	3,898,953	4,878,748	3,681,885
03/04/11	3,915,322	4,899,734	3,713,619
03/05/11	0	0	0
03/06/11	0	0	0
03/07/11	3,916,102	4,900,575	3,715,902
03/08/11	0	0	0
03/09/11	3,939,279	4,926,748	3,749,153
03/10/11	3,956,265	4,946,275	3,749,153
03/11/11	3,976,233	4,971,500	3,749,153
03/12/11	0	0	0
03/13/11	0	0	0
03/14/11	4,036,425	5,045,720	3,749,153
03/15/11	4,067,211	5,077,961	3,749,162

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
03/16/11	4,093,209	5,104,158	3,749,178
03/17/11	4,121,024	5,132,399	3,749,178
03/18/11	4,159,549	5,177,842	3,749,231
03/19/11	0	0	0
03/20/11	0	0	0
03/21/11	4,261,510	5,297,260	3,749,520
03/22/11	4,261,510	5,297,260	3,749,520
03/23/11	4,316,320	5,361,830	3,749,617
03/24/11	4,316,320	5,361,836	3,749,617
03/25/11	4,379,443	5,432,439	3,749,752
03/26/11	0	0	0
03/27/11	0	0	0
03/28/11	4,485,075	5,551,337	3,750,015
03/29/11	4,518,451	5,589,163	3,750,108
03/30/11	4,554,675	5,630,829	3,750,213
03/31/11	4,591,697	5,671,052	3,750,326
04/01/11	4,623,285	5,705,680	3,750,483
04/02/11	0	0	0
04/03/11	0	0	0
04/04/11	4,739,525	5,826,142	3,750,596
04/05/11	4,780,449	5,866,459	3,750,597
04/06/11	4,819,168	5,904,235	3,750,597
04/07/11	4,861,965	5,944,255	3,750,597
04/08/11	4,885,395	5,972,865	3,784,914
04/09/11	0	0	0
04/10/11	0	0	0
04/11/11	4,967,558	6,064,996	3,905,295
04/12/11	0	0	0
04/13/11	5,021,875	6,123,395	3,983,438
04/14/11	5,051,165	6,157,046	4,027,735
04/15/11	0	0	0
04/16/11	0	0	0
04/17/11	0	0	0
04/18/11	5,156,033	6,277,734	4,185,804
04/19/11	0	0	0
04/20/11	5,208,419	6,340,261	4,265,480
04/21/11	0	0	0
04/22/11	0	0	0
04/23/11	0	0	0
04/24/11	0	0	0
04/25/11	5,332,295	6,492,361	4,460,595
04/26/11	0	0	0
04/27/11	5,364,052	6,532,930	4,513,022
04/28/11	5,387,525	6,562,002	4,552,225
04/29/11	0	0	0
04/30/11	0	0	0
05/01/11	0	0	0
05/02/11	5,478,447	6,682,118	4,708,428

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
05/03/11	0	0	0
05/04/11	5,499,055	6,710,086	4,745,187
05/05/11	0	0	0
05/06/11	5,534,817	6,749,715	4,821,339
05/07/11	0	0	0
05/08/11	0	0	0
05/09/11	5,607,549	6,838,983	4,936,733
05/10/11	5,637,420	6,871,125	4,979,465
05/11/11	0	0	0
05/12/11	5,688,737	6,928,355	5,053,468
05/13/11	5,714,412	6,956,808	5,088,878
05/14/11	0	0	0
05/15/11	0	0	0
05/16/11	5,797,061	7,050,384	5,211,537
05/17/11	5,814,392	7,074,926	5,246,579
05/18/11	0	0	0
05/19/11	0	0	0
05/20/11	0	0	0
05/21/11	0	0	0
05/22/11	0	0	0
05/23/11	5,959,240	7,257,324	5,480,338
05/24/11	5,981,563	7,287,024	5,518,268
05/25/11	0	0	0
05/26/11	0	0	0
05/27/11	6,049,281	7,376,162	5,631,453
05/28/11	0	0	0
05/29/11	0	0	0
05/30/11	0	0	0
05/31/11	6,157,204	7,505,446	5,793,778
06/01/11	6,181,733	7,532,199	5,828,335
06/02/11	6,213,698	7,571,355	5,877,300
06/03/11	6,235,980	7,598,764	5,910,412
06/04/11	0	0	0
06/05/11	0	0	0
06/06/11	0	0	0
06/07/11	6,325,207	7,722,850	6,065,864
06/08/11	6,345,937	7,749,481	6,100,323
06/09/11	6,365,420	7,780,039	6,138,677
06/10/11	6,383,910	7,811,055	6,177,597
06/11/11	0	0	0
06/12/11	0	0	0
06/13/11	6,431,866	7,904,977	6,296,082
06/14/11	6,448,321	7,938,929	6,339,128
06/15/11	6,461,515	7,965,880	6,373,004
06/16/11	0	0	0
06/17/11	6,489,477	8,023,247	6,446,647
06/18/11	0	0	0
06/19/11	0	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
06/20/11	6,530,525	8,114,840	6,561,072
06/21/11	6,544,410	8,141,535	6,600,612
06/22/11	6,559,073	8,171,859	6,637,901
06/23/11	6,574,934	8,201,910	6,676,140
06/24/11	6,590,374	8,234,635	6,719,960
06/25/11	0	0	0
06/26/11	0	0	0
06/27/11	0	0	0
06/28/11	6,646,124	8,358,282	6,876,375
06/29/11	6,657,958	8,383,153	6,908,018
06/30/11	6,669,542	8,413,774	6,945,652
07/01/11	6,683,240	8,446,179	6,988,177
07/02/11	0	0	0
07/03/11	0	0	0
07/04/11	0	0	0
07/05/11	0	0	0
07/06/11	6,742,611	8,596,050	7,179,223
07/07/11	6,757,273	8,633,213	7,226,219
07/08/11	0	0	0
07/09/11	0	0	0
07/10/11	0	0	0
07/11/11	0	0	0
07/12/11	6,829,027	8,778,941	7,408,826
07/13/11	6,856,657	8,808,670	7,446,162
07/14/11	0	0	0
07/15/11	0	0	0
07/16/11	0	0	0
07/17/11	0	0	0
07/18/11	7,000,664	8,957,025	7,627,940
07/19/11	7,028,677	8,986,932	7,662,169
07/20/11	0	0	0
07/21/11	7,081,735	9,040,599	7,721,665
07/22/11	7,112,325	9,071,631	7,756,096
07/23/11	0	0	0
07/24/11	0	0	0
07/25/11	7,201,247	9,161,082	7,856,002
07/26/11	7,226,686	9,187,540	7,885,492
07/27/11	7,260,852	9,221,443	7,923,863
07/28/11	7,314,614	9,278,661	7,985,022
07/29/11	0	0	0
07/30/11	0	0	0
07/31/11	0	0	0
08/01/11	7,400,694	9,367,167	8,081,956
08/02/11	0	0	0
08/03/11	0	0	0
08/04/11	7,482,863	9,449,609	8,176,369
08/05/11	7,511,643	9,480,272	8,209,710
08/06/11	0	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
08/07/11	0	0	0
08/08/11	7,597,895	9,568,434	8,306,876
08/09/11	7,631,148	9,604,149	8,344,667
08/10/11	7,655,300	9,629,395	8,372,392
08/11/11	0	0	0
08/12/11	7,708,990	9,684,112	8,432,984
08/13/11	0	0	0
08/14/11	0	0	0
08/15/11	7,794,294	9,774,251	8,529,838
08/16/11	7,823,223	9,804,830	8,562,902
08/17/11	7,857,965	9,838,814	8,598,765
08/18/11	7,884,488	9,864,502	8,629,635
08/19/11	7,913,813	9,892,515	8,659,164
08/20/11	0	0	0
08/21/11	0	0	0
08/22/11	8,008,116	9,982,744	8,756,308
08/23/11	0	0	0
08/24/11	8,075,028	10,041,555	8,821,363
08/25/11	8,109,662	10,073,764	8,855,395
08/26/11	8,146,413	10,106,154	8,891,555
08/27/11	0	0	0
08/28/11	0	0	0
08/29/11	8,222,512	10,180,510	8,972,759
08/30/11	8,251,400	10,212,590	9,009,842
08/31/11	8,279,833	10,244,493	9,043,821
09/01/11	0	0	0
09/02/11	0	0	0
09/03/11	0	0	0
09/04/11	0	0	0
09/05/11	0	0	0
09/06/11	0	0	0
09/07/11	8,453,018	10,459,304	9,277,735
09/08/11	8,476,876	10,489,407	9,310,772
09/09/11	8,501,845	10,522,377	9,347,078
09/10/11	0	0	0
09/11/11	0	0	0
09/12/11	8,571,746	10,614,101	9,451,192
09/13/11	8,601,023	10,614,101	9,496,930
09/14/11	8,618,219	10,614,101	9,521,253
09/15/11	8,643,759	10,614,101	9,557,294
09/16/11	0	0	0
09/17/11	0	0	0
09/18/11	0	0	0
09/19/11	8,745,324	10,616,660	9,699,206
09/20/11	8,772,564	10,650,473	9,736,248
09/21/11	8,799,291	10,684,182	9,773,012
09/22/11	8,825,070	10,719,969	9,811,958
09/23/11	8,843,478	10,744,455	9,838,855

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
09/24/11	0	0	0
09/25/11	0	0	0
09/26/11	8,911,109	10,841,995	9,944,886
09/27/11	8,933,954	10,872,588	9,978,205
09/28/11	8,955,665	10,905,327	10,014,785
09/29/11	8,977,757	10,937,076	10,048,057
09/30/11	9,003,042	10,972,668	10,087,268
10/01/11	0	0	0
10/02/11	0	0	0
10/03/11	9,066,095	11,064,175	10,187,715
10/04/11	9,088,934	11,096,241	10,223,275
10/05/11	9,099,426	11,098,027	10,225,526
10/06/11	9,112,783	11,127,025	10,257,604
10/07/11	0	0	0
10/08/11	0	0	0
10/09/11	0	0	0
10/10/11	9,208,727	11,255,757	10,397,990
10/11/11	9,233,696	11,288,969	10,433,863
10/12/11	9,256,698	11,319,134	10,466,707
10/13/11	9,282,935	11,349,224	10,500,612
10/14/11	9,305,207	11,378,347	10,535,865
10/15/11	0	0	0
10/16/11	0	0	0
10/17/11	9,382,013	11,474,260	10,639,033
10/18/11	9,407,150	11,506,070	10,673,404
10/19/11	9,433,764	11,540,152	10,710,244
10/20/11	9,457,464	11,570,533	10,744,866
10/21/11	9,482,061	11,602,931	10,778,638
10/22/11	0	0	0
10/23/11	0	0	0
10/24/11	9,556,086	11,697,276	10,884,695
10/25/11	9,581,330	11,729,230	10,922,654
10/26/11	9,605,160	11,759,554	10,956,777
10/27/11	9,633,059	11,795,709	10,995,243
10/28/11	9,653,034	11,821,748	11,023,335
10/29/11	0	0	0
10/30/11	0	0	0
10/31/11	9,733,618	11,899,320	11,128,537
11/01/11	9,734,664	11,927,267	11,170,215
11/02/11	9,756,737	11,958,427	11,204,246
11/03/11	9,775,958	11,983,435	11,231,490
11/04/11	9,799,177	12,017,663	11,267,549
11/05/11	0	0	0
11/06/11	0	0	0
11/07/11	9,811,088	12,118,871	11,298,850
11/08/11	9,893,298	12,147,593	11,409,619
11/09/11	9,915,175	12,178,975	11,442,497
11/10/11	9,939,693	12,210,428	11,477,676

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
11/11/11	9,962,037	12,243,790	11,512,533
11/12/11	0	0	0
11/13/11	0	0	0
11/14/11	10,028,282	12,334,681	11,610,520
11/15/11	10,053,514	12,368,750	11,648,439
11/16/11	10,075,127	12,398,642	11,680,617
11/17/11	10,098,212	12,431,617	11,715,985
11/18/11	10,119,008	12,459,563	11,746,973
11/19/11	0	0	0
11/20/11	0	0	0
11/21/11	10,186,710	12,554,952	11,847,491
11/22/11	10,209,817	12,585,965	11,880,487
11/23/11	10,230,823	12,615,791	11,914,317
11/24/11	0	0	0
11/25/11	10,277,754	12,682,368	11,986,965
11/26/11	0	0	0
11/27/11	0	0	0
11/28/11	10,344,353	12,779,642	12,090,237
11/29/11	10,361,868	12,804,084	12,117,705
11/30/11	10,384,052	12,836,957	12,152,304
12/01/11	10,406,846	12,867,322	12,186,452
12/02/11	10,428,348	12,900,806	12,221,719
12/03/11	0	0	0
12/04/11	0	0	0
12/05/11	10,487,968	12,992,318	12,322,162
12/06/11	10,508,394	13,026,413	12,359,234
12/07/11	10,526,613	13,055,704	12,391,101
12/08/11	0	0	0
12/09/11	10,564,609	13,120,005	12,461,984
12/10/11	0	0	0
12/11/11	0	0	0
12/12/11	10,620,448	13,213,162	12,562,202
12/13/11	10,642,742	13,250,349	12,602,764
12/14/11	10,658,028	13,276,897	12,630,630
12/15/11	10,679,303	13,311,444	12,669,517
12/16/11	10,695,108	13,339,964	12,699,433
12/17/11	0	0	0
12/18/11	0	0	0
12/19/11	10,739,443	13,437,890	12,806,659
12/20/11	10,752,150	13,467,110	12,840,927
12/21/11	0	0	0
12/22/11	10,779,245	13,532,424	12,911,426
12/23/11	10,792,823	13,565,645	12,947,784
12/24/11	0	0	0
12/25/11	0	0	0
12/26/11	10,831,590	13,660,769	13,050,576
12/27/11	10,845,677	13,694,523	13,088,542
12/28/11	10,859,951	13,728,518	13,124,577

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
12/29/11	10,870,056	13,755,358	13,155,977
12/30/11	10,883,992	13,786,931	13,189,188
12/31/11	0	0	0
01/01/12	0	0	0
01/02/12	10,922,740	13,881,334	13,295,898
01/03/12	10,947,718	13,913,357	13,331,537
01/04/12	10,971,185	13,944,812	13,365,790
01/05/12	10,995,034	13,975,449	13,401,243
01/06/12	11,018,028	14,006,035	13,435,473
01/07/12	0	0	0
01/08/12	0	0	0
01/09/12	11,090,204	14,103,634	13,543,214
01/10/12	11,116,294	14,137,335	13,581,820
01/11/12	11,118,128	14,140,251	13,585,101
01/12/12	0	0	0
01/13/12	11,165,014	14,199,270	13,649,750
01/14/12	0	0	0
01/15/12	0	0	0
01/16/12	11,240,398	14,295,244	13,753,249
01/17/12	11,264,948	14,324,622	13,783,740
01/18/12	11,289,025	14,355,102	13,816,832
01/19/12	11,314,513	14,387,638	13,851,853
01/20/12	11,337,554	14,411,934	13,881,464
01/21/12	0	0	0
01/22/12	0	0	0
01/23/12	11,415,303	14,517,999	14,002,374
01/24/12	11,440,660	14,548,331	14,040,482
01/25/12	11,459,816	14,573,002	14,070,368
01/26/12	11,484,999	14,604,913	14,114,585
01/27/12	11,507,189	14,631,689	14,156,599
01/28/12	0	0	0
01/29/12	0	0	0
01/30/12	11,581,833	14,724,268	14,279,124
01/31/12	11,608,176	14,757,312	14,322,571
02/01/12	11,633,097	14,788,538	14,363,464
02/02/12	11,660,995	14,817,584	14,402,844
02/03/12	11,693,240	14,852,354	14,450,892
02/04/12	0	0	0
02/05/12	0	0	0
02/06/12	11,779,080	14,943,800	14,571,735
02/07/12	11,815,920	14,980,219	14,622,148
02/08/12	11,839,544	15,006,460	14,657,836
02/09/12	11,866,527	15,036,083	14,698,308
02/10/12	11,893,330	15,066,845	14,739,045
02/11/12	0	0	0
02/12/12	0	0	0
02/13/12	11,976,131	15,163,995	14,871,382
02/14/12	11,998,664	15,189,359	14,907,048

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
02/15/12	12,026,605	15,222,603	14,952,967
02/16/12	12,051,714	15,253,667	14,993,750
02/17/12	12,077,494	15,286,882	15,037,207
02/18/12	0	0	0
02/19/12	0	0	0
02/20/12	12,149,534	15,378,194	15,160,372
02/21/12	12,174,521	15,411,443	15,203,275
02/22/12	12,199,691	15,446,957	15,247,398
02/23/12	12,220,822	15,478,095	15,288,528
02/24/12	12,237,753	15,504,915	15,321,774
02/25/12	0	0	0
02/26/12	0	0	0
02/27/12	12,271,629	15,557,682	15,439,413
02/28/12	0	0	0
02/29/12	12,273,733	15,558,675	15,441,167
03/01/12	12,302,631	15,589,075	15,483,358
03/02/12	12,329,804	15,617,658	15,521,016
03/03/12	0	0	0
03/04/12	0	0	0
03/05/12	12,414,992	15,710,948	15,641,843
03/06/12	12,442,734	15,742,919	15,684,449
03/07/12	12,468,280	15,770,179	15,721,335
03/08/12	12,488,309	15,801,958	15,760,285
03/09/12	12,509,513	15,832,830	15,798,827
03/10/12	0	0	0
03/11/12	0	0	0
03/12/12	12,580,447	15,929,513	15,920,202
03/13/12	12,598,483	15,954,857	15,950,431
03/14/12	12,622,423	15,986,354	15,990,718
03/15/12	12,645,803	16,017,375	16,029,206
03/16/12	12,667,706	16,049,078	16,068,544
03/17/12	0	0	0
03/18/12	0	0	0
03/19/12	12,737,418	16,143,492	16,185,713
03/20/12	0	0	0
03/21/12	0	0	0
03/22/12	12,778,284	16,193,849	16,251,924
03/23/12	12,806,993	16,223,422	16,291,189
03/24/12	0	0	0
03/25/12	0	0	0
03/26/12	12,892,118	16,319,662	16,417,035
03/27/12	12,915,035	16,346,889	16,451,357
03/28/12	12,942,272	16,376,105	16,491,298
03/29/12	12,971,550	16,408,224	16,533,876
03/30/12	13,002,816	16,443,826	16,579,738
03/31/12	0	0	0
04/01/12	0	0	0
04/02/12	13,082,187	16,531,258	16,697,082

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
04/03/12	13,109,608	16,562,100	16,737,879
04/04/12	13,137,262	16,593,192	16,779,950
04/05/12	13,164,284	16,623,674	16,819,365
04/06/12	13,188,145	16,650,565	16,855,045
04/07/12	0	0	0
04/08/12	0	0	0
04/09/12	13,268,381	16,742,074	16,976,067
04/10/12	13,295,192	16,772,037	17,017,806
04/11/12	13,316,032	16,802,356	17,069,675
04/12/12	13,336,234	16,833,989	17,102,068
04/13/12	13,359,061	16,868,939	17,150,593
04/14/12	0	0	0
04/15/12	0	0	0
04/16/12	13,418,235	16,957,186	17,274,086
04/17/12	13,437,463	16,985,785	17,312,243
04/18/12	0	0	0
04/19/12	0	0	0
04/20/12	13,501,089	17,075,828	17,437,039
04/21/12	0	0	0
04/22/12	0	0	0
04/23/12	13,567,387	17,169,267	17,567,764
04/24/12	13,587,128	17,195,360	17,605,056
04/25/12	13,607,553	17,223,712	17,643,037
04/26/12	13,635,049	17,259,501	17,694,977
04/27/12	13,653,923	17,284,756	17,728,035
04/28/12	0	0	0
04/29/12	0	0	0
04/30/12	0	0	0
05/01/12	0	0	0
05/02/12	0	0	0
05/03/12	0	0	0
05/04/12	13,813,318	17,492,865	18,004,522
05/05/12	0	0	0
05/06/12	0	0	0
05/07/12	0	0	0
05/08/12	13,905,657	17,613,547	18,160,960
05/09/12	0	0	0
05/10/12	13,955,407	17,679,336	18,244,053
05/11/12	13,973,723	17,703,499	18,274,740
05/12/12	0	0	0
05/13/12	0	0	0
05/14/12	14,044,667	17,797,513	18,394,646
05/15/12	14,066,935	17,826,884	18,430,643
05/16/12	14,091,976	17,859,127	18,473,057
05/17/12	14,111,459	17,886,430	18,507,968
05/18/12	14,137,819	17,919,568	18,552,648
05/19/12	0	0	0
05/20/12	0	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
05/21/12	14,205,407	18,009,325	18,673,439
05/22/12	14,231,037	18,042,288	18,718,354
05/23/12	14,251,772	18,070,974	18,755,963
05/24/12	14,297,174	18,126,055	18,837,946
05/25/12	0	0	0
05/26/12	0	0	0
05/27/12	0	0	0
05/28/12	0	0	0
05/29/12	14,396,887	18,248,478	19,005,451
05/30/12	14,424,650	18,283,095	19,054,544
05/31/12	14,445,456	18,308,300	19,091,472
06/01/12	14,470,318	18,338,015	19,133,945
06/02/12	0	0	0
06/03/12	0	0	0
06/04/12	14,546,249	18,430,033	19,261,815
06/05/12	14,568,197	18,459,000	19,302,691
06/06/12	14,596,600	18,491,602	19,347,467
06/07/12	14,619,995	18,522,242	19,392,150
06/08/12	14,641,347	18,555,862	19,438,238
06/09/12	0	0	0
06/10/12	0	0	0
06/11/12	14,706,465	18,644,740	19,563,790
06/12/12	14,731,057	18,677,513	19,611,489
06/13/12	14,750,679	18,703,064	19,648,128
06/14/12	14,779,647	18,732,606	19,687,673
06/15/12	14,795,486	18,755,649	19,719,768
06/16/12	0	0	0
06/17/12	0	0	0
06/18/12	14,887,375	18,848,498	19,850,568
06/19/12	14,944,157	18,906,357	19,931,253
06/20/12	0	0	0
06/21/12	14,973,344	18,936,268	19,972,755
06/22/12	15,002,786	18,966,309	20,014,749
06/23/12	0	0	0
06/24/12	0	0	0
06/25/12	15,090,542	19,056,399	20,140,026
06/26/12	15,120,001	19,086,528	20,182,116
06/27/12	15,150,743	19,117,195	20,224,694
06/28/12	0	0	0
06/29/12	0	0	0
06/30/12	0	0	0
07/01/12	0	0	0
07/02/12	15,285,250	19,267,729	20,434,159
07/03/12	15,321,138	19,295,654	20,471,437
07/04/12	0	0	0
07/05/12	15,379,910	19,355,736	20,554,612
07/06/12	15,408,845	19,385,810	20,596,332
07/07/12	0	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
07/08/12	0	0	0
07/09/12	15,455,772	19,434,359	20,718,314
07/10/12	15,486,265	19,465,560	20,753,958
07/11/12	15,511,212	19,491,476	20,783,160
07/12/12	15,518,770	19,498,230	20,791,881
07/13/12	15,551,215	19,532,285	20,830,294
07/14/12	0	0	0
07/15/12	0	0	0
07/16/12	0	0	0
07/17/12	15,665,312	19,651,143	20,964,371
07/18/12	15,691,746	19,678,627	20,995,601
07/19/12	15,722,410	19,710,390	21,031,933
07/20/12	15,748,198	19,738,275	21,063,238
07/21/12	0	0	0
07/22/12	0	0	0
07/23/12	15,810,090	19,803,336	21,160,529
07/24/12	15,837,733	19,831,875	21,194,466
07/25/12	15,866,672	19,860,468	21,227,972
07/26/12	15,896,165	19,891,793	21,262,294
07/27/12	15,927,075	19,922,452	21,298,014
07/28/12	0	0	0
07/29/12	0	0	0
07/30/12	16,013,101	20,011,222	21,398,002
07/31/12	16,042,295	20,041,453	21,431,012
08/01/12	16,073,324	20,073,699	21,468,231
08/02/12	16,102,871	20,103,357	21,506,795
08/03/12	0	0	0
08/04/12	0	0	0
08/05/12	0	0	0
08/06/12	16,213,736	20,217,029	21,632,725
08/07/12	16,243,695	20,250,910	21,668,632
08/08/12	16,272,305	20,280,494	21,701,997
08/09/12	16,297,324	20,305,433	21,732,467
08/10/12	16,326,752	20,335,813	21,765,625
08/11/12	0	0	0
08/12/12	0	0	0
08/13/12	16,418,390	20,429,139	21,872,634
08/14/12	16,445,189	20,456,508	21,903,670
08/15/12	0	0	0
08/16/12	16,505,184	20,518,045	21,975,282
08/17/12	16,536,295	20,550,117	22,012,267
08/18/12	0	0	0
08/19/12	0	0	0
08/20/12	16,622,428	20,639,112	22,115,052
08/21/12	16,650,297	20,668,055	22,148,493
08/22/12	16,680,191	20,699,078	22,184,232
08/23/12	16,714,712	20,734,997	22,224,542
08/24/12	16,737,773	20,759,027	22,253,435

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
08/25/12	0	0	0
08/26/12	0	0	0
08/27/12	16,824,752	20,850,203	22,358,735
08/28/12	16,853,644	20,880,450	22,393,704
08/29/12	16,881,850	20,910,914	22,427,858
08/30/12	16,913,918	20,942,499	22,465,497
08/31/12	16,942,311	20,973,396	22,501,242
09/01/12	0	0	0
09/02/12	0	0	0
09/03/12	0	0	0
09/04/12	0	0	0
09/05/12	17,085,621	21,123,149	22,674,273
09/06/12	17,111,188	21,151,176	22,706,545
09/07/12	17,140,241	21,182,737	22,742,945
09/08/12	0	0	0
09/09/12	0	0	0
09/10/12	17,223,732	21,267,943	22,844,390
09/11/12	17,254,992	21,298,235	22,878,894
09/12/12	17,284,865	21,329,223	22,913,078
09/13/12	0	0	0
09/14/12	17,337,493	21,386,375	22,975,789
09/15/12	0	0	0
09/16/12	0	0	0
09/17/12	17,423,862	21,481,793	23,008,002
09/18/12	17,450,207	21,511,956	23,112,965
09/19/12	17,478,768	21,542,360	23,146,293
09/20/12	17,506,539	21,572,367	23,179,237
09/21/12	17,531,936	21,599,999	23,208,394
09/22/12	0	0	0
09/23/12	0	0	0
09/24/12	17,618,158	21,691,560	23,312,535
09/25/12	17,646,668	21,722,018	23,346,858
09/26/12	17,674,305	21,751,953	23,381,097
09/27/12	17,706,578	21,785,086	23,419,055
09/28/12	17,732,033	21,812,999	23,449,270
09/29/12	0	0	0
09/30/12	0	0	0
10/01/12	17,818,657	21,904,779	23,551,804
10/02/12	0	0	0
10/03/12	0	0	0
10/04/12	0	0	0
10/05/12	0	0	0
10/06/12	0	0	0
10/07/12	0	0	0
10/08/12	0	0	0
10/09/12	0	0	0
10/10/12	0	0	0
10/11/12	0	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
10/12/12	0	0	0
10/13/12	0	0	0
10/14/12	0	0	0
10/15/12	0	0	0
10/16/12	0	0	0
10/17/12	0	0	0
10/18/12	0	0	0
10/19/12	17,881,585	21,971,858	23,622,011
10/20/12	0	0	0
10/21/12	0	0	0
10/22/12	17,968,667	22,065,025	23,718,600
10/23/12	17,997,369	22,096,370	23,751,700
10/24/12	18,024,669	22,126,936	23,781,390
10/25/12	18,052,923	22,155,511	23,812,919
10/26/12	18,107,763	22,214,480	23,874,083
10/27/12	0	0	0
10/28/12	0	0	0
10/29/12	18,160,980	22,268,205	23,945,643
10/30/12	0	0	0
10/31/12	18,220,616	22,333,968	24,019,148
11/01/12	18,245,477	22,360,890	24,049,364
11/02/12	18,275,312	22,392,115	24,085,526
11/03/12	0	0	0
11/04/12	0	0	0
11/05/12	18,317,885	22,437,781	24,192,044
11/06/12	18,349,315	22,470,026	24,220,677
11/07/12	18,383,764	22,505,158	24,268,605
11/08/12	18,409,953	22,532,388	24,299,033
11/09/12	18,440,565	22,565,049	24,335,468
11/10/12	0	0	0
11/11/12	0	0	0
11/12/12	18,533,769	22,662,883	24,443,192
11/13/12	18,556,412	22,685,111	24,469,009
11/14/12	18,587,123	22,717,679	24,504,865
11/15/12	18,617,114	22,747,249	24,537,740
11/16/12	18,647,604	22,778,209	24,572,126
11/17/12	0	0	0
11/18/12	0	0	0
11/19/12	18,742,235	22,873,322	24,677,479
11/20/12	18,775,715	22,906,893	24,713,454
11/21/12	18,802,271	22,933,269	24,743,760
11/22/12	0	0	0
11/23/12	18,865,672	22,996,838	24,813,543
11/24/12	0	0	0
11/25/12	0	0	0
11/26/12	18,957,458	23,087,604	24,914,413
11/27/12	18,989,948	23,118,969	24,949,198
11/28/12	19,017,273	23,146,199	24,980,474

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
11/29/12	19,050,317	23,179,145	25,017,580
11/30/12	19,082,576	23,211,353	25,053,633
12/01/12	0	0	0
12/02/12	0	0	0
12/03/12	0	0	0
12/04/12	19,202,014	23,333,537	25,190,948
12/05/12	19,230,630	23,363,367	25,223,005
12/06/12	19,258,955	23,392,808	25,254,717
12/07/12	19,286,818	23,422,386	25,288,547
12/08/12	0	0	0
12/09/12	0	0	0
12/10/12	19,373,985	23,514,001	25,390,074
12/11/12	19,401,118	23,544,384	25,423,527
12/12/12	19,429,020	23,575,880	25,457,134
12/13/12	19,457,133	23,606,002	25,491,206
12/14/12	19,484,986	23,636,809	25,523,620
12/15/12	0	0	0
12/16/12	0	0	0
12/17/12	19,569,106	23,730,470	25,626,174
12/18/12	19,595,277	23,759,237	25,657,469
12/19/12	19,625,278	23,791,632	25,692,487
12/20/12	19,652,777	23,821,919	25,724,109
12/21/12	19,682,976	23,851,317	25,757,090
12/22/12	0	0	0
12/23/12	0	0	0
12/24/12	19,773,325	23,948,881	25,860,044
12/25/12	0	0	0
12/26/12	19,832,111	24,011,304	25,928,010
12/27/12	19,856,631	24,038,252	25,956,757
12/28/12	19,882,094	24,069,235	25,989,766
12/29/12	0	0	0
12/30/12	0	0	0
12/31/12	19,972,548	24,160,039	26,086,644
01/01/13	0	0	0
01/02/13	0	0	0
01/03/13	0	0	0
01/04/13	0	0	0
01/05/13	0	0	0
01/06/13	0	0	0
01/07/13	0	0	0
01/08/13	20,225,488	24,412,867	26,359,100
01/09/13	20,258,372	24,444,602	26,394,598
01/10/13	20,285,645	24,472,731	26,424,018
01/11/13	20,314,087	24,499,185	26,455,726
01/12/13	0	0	0
01/13/13	0	0	0
01/14/13	20,403,278	24,588,108	26,550,281
01/15/13	20,436,167	24,621,100	26,585,537

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
01/16/13	20,466,913	24,651,914	26,617,425
01/17/13	20,501,728	24,685,356	26,654,277
01/18/13	20,528,576	24,713,006	26,683,797
01/19/13	0	0	0
01/20/13	0	0	0
01/21/13	20,626,097	24,810,257	26,787,225
01/22/13	20,656,293	24,840,225	26,819,470
01/23/13	20,690,410	24,876,128	26,857,766
01/24/13	20,718,841	24,904,225	26,888,767
01/25/13	20,747,430	24,934,941	26,919,427
01/26/13	0	0	0
01/27/13	0	0	0
01/28/13	20,835,478	25,024,027	27,015,206
01/29/13	20,879,525	25,059,795	27,052,015
01/30/13	20,898,633	25,088,433	27,083,515
01/31/13	20,993,517	25,125,668	27,122,936
02/01/13	0	0	0
02/02/13	0	0	0
02/03/13	0	0	0
02/04/13	0	0	0
02/05/13	21,078,073	25,277,263	27,293,623
02/06/13	21,109,577	25,310,930	27,331,139
02/07/13	21,138,467	25,340,603	27,365,127
02/08/13	21,142,724	25,344,735	27,370,213
02/09/13	0	0	0
02/10/13	0	0	0
02/11/13	21,235,473	25,441,168	27,482,223
02/12/13	21,262,183	25,469,905	27,514,130
02/13/13	21,295,132	25,503,377	27,553,502
02/14/13	21,320,085	25,529,097	27,583,907
02/15/13	21,344,133	25,557,662	27,615,463
02/16/13	0	0	0
02/17/13	0	0	0
02/18/13	21,418,368	25,642,476	27,716,017
02/19/13	21,444,033	25,673,212	27,752,846
02/20/13	21,473,200	25,709,835	27,793,240
02/21/13	21,500,127	25,741,806	27,830,251
02/22/13	21,526,247	25,772,425	27,866,743
02/23/13	0	0	0
02/24/13	0	0	0
02/25/13	21,598,345	25,861,094	27,968,774
02/26/13	0	0	0
02/27/13	21,659,676	25,923,606	28,040,767
02/28/13	21,676,125	25,955,153	28,077,026
03/01/13	0	0	0
03/02/13	0	0	0
03/03/13	0	0	0
03/04/13	21,780,637	26,081,512	28,221,874

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
03/05/13	21,807,791	26,116,725	28,261,973
03/06/13	21,831,055	26,143,504	28,292,851
03/07/13	21,859,288	26,176,100	28,330,225
03/08/13	21,886,122	26,205,288	28,363,525
03/09/13	0	0	0
03/10/13	0	0	0
03/11/13	21,973,768	26,299,252	28,471,263
03/12/13	22,002,967	26,332,514	28,509,497
03/13/13	22,027,827	26,342,025	28,547,855
03/14/13	22,048,088	26,342,025	28,575,268
03/15/13	22,081,673	26,342,025	28,621,301
03/16/13	0	0	0
03/17/13	0	0	0
03/18/13	0	0	0
03/19/13	22,190,387	26,342,027	28,766,624
03/20/13	22,213,720	26,342,026	28,793,542
03/21/13	22,245,277	26,342,026	28,832,384
03/22/13	22,276,917	26,342,025	28,865,620
03/23/13	0	0	0
03/24/13	0	0	0
03/25/13	22,355,859	26,342,025	28,973,524
03/26/13	22,381,610	26,342,025	29,010,944
03/27/13	22,419,694	26,342,025	29,048,158
03/28/13	22,434,121	26,342,025	29,081,823
03/29/13	22,461,404	26,342,025	29,120,041
03/30/13	0	0	0
03/31/13	0	0	0
04/01/13	22,538,133	26,342,025	29,227,437
04/02/13	22,563,378	26,342,025	29,263,593
04/03/13	22,586,456	26,342,025	29,296,862
04/04/13	22,617,346	26,342,016	29,341,145
04/05/13	22,637,882	26,342,018	29,368,417
04/06/13	0	0	0
04/07/13	0	0	0
04/08/13	22,718,397	26,342,018	29,483,744
04/09/13	22,737,853	26,342,025	29,510,649
04/10/13	22,765,305	26,342,025	29,553,028
04/11/13	22,790,776	26,342,018	29,589,417
04/12/13	22,813,614	26,342,025	29,624,141
04/13/13	0	0	0
04/14/13	0	0	0
04/15/13	22,882,622	26,342,025	29,723,573
04/16/13	22,906,954	26,342,025	29,760,203
04/17/13	22,922,169	26,342,025	29,794,008
04/18/13	22,949,108	26,342,025	29,833,480
04/19/13	22,973,832	26,342,018	29,872,635
04/20/13	0	0	0
04/21/13	0	0	0

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Date	MW-9 Totalizer	DM-2 Totalizer	DM-11 Totalizer
04/22/13	23,030,404	26,342,025	29,970,490
04/23/13	23,051,729	26,342,025	30,006,846
04/24/13	23,072,413	26,342,025	30,044,283
04/25/13	23,095,976	26,342,025	30,083,387
04/26/13	23,111,017	26,342,018	30,111,593
04/27/13	0	0	0
04/28/13	0	0	0
04/29/13	23,170,422	26,342,018	30,217,229
04/30/13	23,193,697	26,342,018	30,259,937

**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

<b>Date</b>	<b>Pumping Totals (Gallons)</b>	
	<b>MW-9 / DM-2 Total</b>	<b>DM-11 Total</b>
2003 Total (August to December)	7,245,678	5,752,135
2004 Total	15,749,968	11,155,668
2005 Total	12,341,910	11,655,996
2006 Total	14,932,465	6,643,924
2007 Total	15,957,833	16,680,764
2008 Total	13,812,590	9,565,892
2009 Total	15,154,225	13,947,608
2010 Total (January to August)	8,772,755	7,804,474
Old Room Total	103,967,424	83,206,461

<b>Date</b>	<b>Pumping Totals (Gallons)</b>		
	<b>MW-9 Total</b>	<b>DM-2 Total</b>	<b>DM-11 Total</b>
2010 Total (September to December)	2,149,870	2,830,246	2,361,050
2011 Total	8,287,632	10,483,832	10,727,358
2012 Total	9,049,808	10,278,705	12,790,746
2013 Total (January to April)	2,968,209	1,929,151	3,900,837
New Room Total	22,455,519	25,521,934	29,779,991

<b>Grand Total</b>	<b>264,931,329</b>
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**APPENDIX C**  
**GROUNDWATER PUMPING TOTALS**  
**CHRIN BROTHERS SANITARY LANDFILL**

Notes

- Values listed represent cumulative gallons pumped. When readings are not recorded
1. (typically over weekends), or when the groundwater pumping system is down for maintenance, the totalizer entries are listed as "0" in the table.
  2. Values listed for the following dates at the associated totalizer represent total gallons pumped during that month:
    - August 2003 at MW-9/DM-2 and DM-11
    - September 2003 at MW-9/DM-2 and DM-11
    - October 2003 at MW-9/DM-2 and DM-11
    - November 2003 at MW-9/DM-2 and DM-11
    - January 2005 at MW-9/DM-2
    - February 2005 at MW-9/DM-2
    - March 2005 at MW-9/DM-2
    - October 2005 at MW-9/DM-2
    - November 2005 at MW-9/DM-2
  3. The MW-9/DM-2 and DM-11 totalizers were replaced in November 2003 due to incorrect readings.
  4. Prior to September 2010, the totalizer values at MW-9/DM-2 represented total gallons pumped at both wells. After September 2010, totalizer values MW-9 and DM-2 represented total gallons pumped at each well individually.
  5. Due to the Stage 3D/3E slide, totalizer readings at DM-2 beginning on March 13, 2013 do not represent total gallons pumped.



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## **APPENDIX D**

### **LABORATORY RESULTS EFFLUENT SAMPLES FROM THE GROUNDWATER TREATMENT SYSTEM**

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**APPENDIX D**  
**LABORATORY RESULTS**  
**GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES**  
**CHRIN BROTHERS SANITARY LANDFILL**

PARAMETER	UNIT	NPDES LIMIT ⁽¹⁾	04/22/08	05/15/08	06/23/08	07/28/08	08/12/08	09/24/08	10/21/08	11/18/08	11/25/08	12/10/08	01/29/09	02/17/09
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--												
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
bis(2-Ethylhexyl)phthalate	ug/L	2.5	< 5.0	< 5.0	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	6.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5												
Ethylbenzene	ug/L	250 ⁽²⁾	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexavalent Chromium	mg/L	--												
Iron	mg/L	--												
Iron, dissolved	mg/L	--												
Isophorone	ug/L	2.5	< 5.0	< 5.0	< 5	< 5	< 5	< 5	< 5		< 5	< 5	< 5	< 5
Lead	mg/L	--												
m,p-Xylene	ug/L	250 ⁽²⁾												
Manganese	mg/L	--												
Mercury	mg/L	--												
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/L	250 ⁽²⁾												
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.9	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	250 ⁽²⁾	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5
Total dissolved solids	mg/L	2500	548	542	540	556	552	570	560		532	586	536	312
Total Xylene	ug/L	250 ⁽²⁾	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	8.3	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0									< 1.0	< 1.0

**APPENDIX D**  
**LABORATORY RESULTS**  
**GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES**  
**CHRIN BROTHERS SANITARY LANDFILL**

PARAMETER	UNIT	NPDES LIMIT ⁽¹⁾	03/24/09	04/29/09	05/27/09	06/18/09	07/23/09	08/26/09	09/23/09	10/27/09	11/30/09	12/28/09	01/28/10	02/18/10
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--												
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
bis(2-Ethylhexyl)phthalate	ug/L	2.5	< 5	< 5	< 5	< 5	< 5	< 5	< 1.0	< 0.9	< 0.9	< 0.9	< 0.9	2
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5												
Ethylbenzene	ug/L	250 ⁽²⁾	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexavalent Chromium	mg/L	--												
Iron	mg/L	--												
Iron, dissolved	mg/L	--												
Isophorone	ug/L	2.5	< 5	< 5	< 5	< 5	< 5	< 5	< 1.0	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Lead	mg/L	--												
m,p-Xylene	ug/L	250 ⁽²⁾												
Manganese	mg/L	--												
Mercury	mg/L	--												
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/L	250 ⁽²⁾												
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	250 ⁽²⁾	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Total dissolved solids	mg/L	2500	354	610	658	566	656	556	592	528	546	526	516	556
Total Xylene	ug/L	250 ⁽²⁾	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

**APPENDIX D**  
**LABORATORY RESULTS**  
**GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES**  
**CHRIN BROTHERS SANITARY LANDFILL**

PARAMETER	UNIT	NPDES LIMIT ⁽¹⁾	03/10/10	03/25/10	04/21/10	05/19/10	06/22/10	07/12/10	09/09/10	10/27/10	11/22/10	12/08/10	12/14/10	01/03/11
1,1-Dichloroethane	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--												
Benzene	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
bis(2-Ethylhexyl)phthalate	ug/L	2.5		< 0.9	< 0.9	< 1.0	< 1.0	< 0.9	< 0.9	< 1.0	< 1.0	< 0.9		< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5												
Ethylbenzene	ug/L	250 ⁽²⁾	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Hexavalent Chromium	mg/L	--												
Iron	mg/L	--												
Iron, dissolved	mg/L	--												
Isophorone	ug/L	2.5	< 0.9	< 0.9	< 0.9	< 1.0	< 1.0	< 0.9	< 0.9	< 1.0	< 1.0	< 0.9		< 1.0
Lead	mg/L	--												
m,p-Xylene	ug/L	250 ⁽²⁾												
Manganese	mg/L	--												
Mercury	mg/L	--												
Methylene Chloride	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
o-Xylene	ug/L	250 ⁽²⁾												
Tetrachloroethene	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Toluene	ug/L	250 ⁽²⁾	< 0.5		< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5		< 0.5	< 0.5	< 0.5
Total dissolved solids	mg/L	2500	548		534	600	564	566	360	522	498	490		524
Total Xylene	ug/L	250 ⁽²⁾	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Trichloroethene	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0		< 1.0	< 1.0	< 1.0

**APPENDIX D**  
**LABORATORY RESULTS**  
**GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES**  
**CHRIN BROTHERS SANITARY LANDFILL**

PARAMETER	UNIT	NPDES LIMIT ⁽¹⁾	02/10/11	03/10/11	04/13/11	05/05/11	06/01/11	07/06/11	08/02/11	09/06/11	10/11/11	11/09/11	12/01/11	01/03/12
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--												
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
bis(2-Ethylhexyl)phthalate	ug/L	2.5	< 1.0	< 0.9	< 0.9	< 1.0	< 1.0	< 0.9	< 0.9	< 0.9	< 1.0	< 0.9	< 0.9	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5												
Ethylbenzene	ug/L	250 ⁽²⁾	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexavalent Chromium	mg/L	--												
Iron	mg/L	--												
Iron, dissolved	mg/L	--												
Isophorone	ug/L	2.5	< 1.0	< 0.9	< 0.9	< 1.0	< 1.0	< 0.9	< 0.9	< 0.9	< 1.0	< 0.9	< 1.0	< 1.0
Lead	mg/L	--												
m,p-Xylene	ug/L	250 ⁽²⁾												
Manganese	mg/L	--												
Mercury	mg/L	--												
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/L	250 ⁽²⁾												
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	250 ⁽²⁾	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Total dissolved solids	mg/L	2500	534	352	582	606	566	732	688	522	530	594	580	560
Total Xylene	ug/L	250 ⁽²⁾	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

**APPENDIX D**  
**LABORATORY RESULTS**  
**GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES**  
**CHRIN BROTHERS SANITARY LANDFILL**

PARAMETER	UNIT	NPDES LIMIT ⁽¹⁾	02/01/12	03/01/12	04/03/12	05/01/12	06/04/12	07/02/12	08/01/12	09/05/12	10/01/12	11/05/12	12/03/12	01/02/13
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	--												
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
bis(2-Ethylhexyl)phthalate	ug/L	2.5	< 1.0	< 1.0	< 0.9	< 1.0	< 0.9	< 0.9	< 0.9	< 1.0	< 0.9	< 1.0	< 0.9	< 0.9
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5												
Ethylbenzene	ug/L	250 ⁽²⁾	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Hexavalent Chromium	mg/L	--												
Iron	mg/L	--												
Iron, dissolved	mg/L	--												
Isophorone	ug/L	2.5	< 1.0	< 1.0	< 0.9	< 1.0	< 0.9	< 0.9	< 0.9	< 1.0	< 0.9	< 1.0	< 0.9	< 0.9
Lead	mg/L	--												
m,p-Xylene	ug/L	250 ⁽²⁾												
Manganese	mg/L	--												
Mercury	mg/L	--												
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene	ug/L	250 ⁽²⁾												
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	ug/L	250 ⁽²⁾	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Total dissolved solids	mg/L	2500	584	562	564	612	580	586	558	574	540	554	504	526
Total Xylene	ug/L	250 ⁽²⁾	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

**APPENDIX D**  
**LABORATORY RESULTS**  
**GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES**  
**CHRIN BROTHERS SANITARY LANDFILL**

PARAMETER	UNIT	NPDES LIMIT ⁽¹⁾	02/04/13	03/04/13	04/02/13
1,1-Dichloroethane	ug/L	2.5	< 1.0	< 1.0	< 1.0
1,1-Dichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0
1,2-Dichloropropane	ug/L	2.5	< 1.0	< 1.0	< 1.0
1,4-Dichlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0
2-Chloroethylvinyl ether	ug/L	- -			
Benzene	ug/L	2.5	< 1.0	< 1.0	< 1.0
bis(2-Ethylhexyl)phthalate	ug/L	2.5	< 0.9	< 1.0	< 1.0
Carbon Tetrachloride	ug/L	2.5	< 1.0	< 1.0	< 1.0
Chlorobenzene	ug/L	2.5	< 1.0	< 1.0	< 1.0
Chloroform	ug/L	2.5			
Ethylbenzene	ug/L	250 ⁽²⁾	< 0.5	< 0.5	< 0.5
Hexavalent Chromium	mg/L	- -			
Iron	mg/L	- -			
Iron, dissolved	mg/L	- -			
Isophorone	ug/L	2.5	< 0.9	< 1.0	< 1.0
Lead	mg/L	- -			
m,p-Xylene	ug/L	250 ⁽²⁾			
Manganese	mg/L	- -			
Mercury	mg/L	- -			
Methylene Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0
o-Xylene	ug/L	250 ⁽²⁾			
Tetrachloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0
Toluene	ug/L	250 ⁽²⁾	< 0.5	< 0.5	< 0.5
Total dissolved solids	mg/L	2500	538	564	660
Total Xylene	ug/L	250 ⁽²⁾	< 1.0	< 1.0	< 1.0
Trichloroethene	ug/L	2.5	< 1.0	< 1.0	< 1.0
Trichloromethane	ug/L	- -	< 1.0	< 1.0	< 1.0
Vinyl Chloride	ug/L	2.5	< 1.0	< 1.0	< 1.0

**APPENDIX D**  
**LABORATORY RESULTS**  
**GROUNDWATER TREATMENT SYSTEM EFFLUENT SAMPLES**  
**CHRIN BROTHERS SANITARY LANDFILL**

Footnotes

- (1) NPDES limit is based on the instantaneous maximum.
- (2) Instantaneous maximum for Total BTEX is measured as the sum of benzene, ethylbenzene, toluene, and xylenes.

Notes

Analyte was not analyzed on that date.